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

V.E.
Bvl 25/10/68

725.1

October 22, 1968

Ministry of Industry,
Akersgaten 42,
Oslo 1.

Re: Phillips 7/11-3, Exploratory Test
Drilling Vessel "Ocean Traveler".

In accordance with Norwegian Safety Regulations established by Royal Decree of August 25, 1967, we wish to advise that Phillips 7/11-3 commenced drilling October 17, 1968.

Yours truly,

T.J. Jobin

cc: Fiskeridepartementet
Forsvardepartementet
Kommunal- og arbeidsdepartementet
Direktoratet for Arbeidstilsynet
Elektrisitetstilsynet
Fiskeridirektoratet
Fyrdirektoratet
Helsedirektoratet
Luftfartsdirektoratet
Politimesteren i Stavanger
Sjøfartsdirektoratet
Skattedirektøren
Statens Oljeråd
Statens utlendingskontor
Telegrafstyret
Tolldirektoratet
Statens Strålehygienske Institutt.

TJJ/ng

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

TAUSHETSPLIKT

October 21, 1968

The Ministry of Industry
Akersgaten 42

OSLO 1

Attention: Petroleum Section

Phillips No. 7/11-3
Exploratory Test, Production License No. 018

We attach herewith the details of our drilling program on the subject well. Advance notice of rig move to location was communicated by telephone to Mr. Haga by Mr. Jobin.

The Ocean Traveler is now on location and drilling. The well was spudded on October 17.

As in the program of the 7/11-2 well, we propose to drill only about 100 feet of the Upper Cretaceous limestone (equivalent to the Upper Cretaceous Chalk) to establish its identity. We do not consider the limestone to be a hydrocarbon prospect in this geologic structure, and believe there is no underlying prospective Mesozoic section below the limestone and above the Permian Zechstein salt on the flanks of the structure to justify drilling to greater depth than the proposed 3475 meters (11,400 feet).

We therefore 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

HH/iks

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

October 21, 1968

The Ministry of Industry
Akersgaten 42

OSLO 1

Phillips No. 7/11-3
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.
	Drilling contractor	:	ODECO Norway
b.	Final geographic coordinates	:	57° 02' 58.8" N. Latitude 02° 28' 18.8" E. Longitude
c.	Estimated total depth	:	3475 meters (11,400 feet) RKB.
d.	Expected geological strata:	:	Quaternary Tertiary Mesozoic

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e. Water depth : 79 meters (260 feet) Mean Sea Level.

f. Casing program.

Diam.	Type	Weight/ ft.	Condition	Set at RKB	Amount cement
20"	J ST&C	133 lbs.	A	152m (500 ft)	1000 sacks Dalen Portland, and 3% Calcium Chloride
13 3/8"	J ST&C	68 lbs.	A	503m (1650ft)	700 sacks Dalen Portland, with 8% bentonite & 3% Calcium Chloride followed by 450 sacks Dalen Portland plus 3% Calcium Chloride
9 5/8"	N Buttress; LT&C	47 lbs; & 43.5 lbs	A	1981m (6500ft)	800 sacks Dalen Portland, 8% bentonite, plus 0.3% Diacel LWL, followed by 900 sacks Dalen Portland
7"	N LT&C	29 lbs.		3475m	700 sacks Class "B" cement, plus 0.3% Diacel LWL, plus 1% Diacel "A"

g. Blowout preventers:

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).

h. Drilling fluid program:

Hole size: 26 inches
Total depth: 500-550 feet RKB
Hole volume: 114 barrels

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This will be drilled using sea water with returns to the sea floor. Slugs of high viscosity mud will be pumped into the hole as filling becomes a problem. After the hole has been drilled, high viscosity sea water mud equal to twice the hole volume will be pumped through the bit. Mud constituents will be sea water, 15-25 lbs/bbl zeogel, 3-4 lbs/bbl Flosal and 0.1 lb/bbl lime; properties will be 8.8 ppg density and 100 sec/gt viscosity.

Hole size: 17½ inches
Total depth: 1650 feet RKB
Hole volume: 500 barrels

The mud will be the same as in 26-inch hole. Mud returns to the sea floor.

Hole size: 12 1/4 inches
Total depth: 6500 feet
Hole volume: 950 barrels

Sea water will be used as the drilling fluid from the 13 3/8-inch casing shoe to 3800 feet RKB. Below 3800 feet, the fluid will be sea water, 100 lbs/bbl salt, 1-1.5 lbs/bbl Drispac, and 2-2.5 lbs/bbl starch. DMS to be added as needed to control fluid-loss. Mud properties will be 10.2-10.5 ppg density, 35-40 sec/gt viscosity, 10 cc or less fluid loss. At 4500 feet RKB barite, and Desco as needed, will be needed to bring mud properties at 5000 feet to 11.5-11.7 ppg density, 40-45 sec/gt viscosity, 5-10 cc/30 min fluid loss, 120,000 ppm or above chlorides.

Hole size: 8½" inches
Total depth: 11,400 feet

The mud will be the same as in 12 1/4-inch hole, with the addition of 6% diesel and 5 lbs/bbl Soltex at about 7500 feet RKB.

i. Logging program:

Contractor: S.P.E. Schlumberger

Run	Hole size	Interval	Tools (Schlumberger)
-	26"	106-152 m RKB (347-500 ft)	
-	17½"	152-503 m RKB (500-1650 ft)	
1	12 1/4"	503-1981 m RKB (1650-6500 ft)	Laterolog/Caliper, BHC Sonic/Gamma-Caliper

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		(Gamma Ray run to subsea). In addition, if needed to evaluate oil or gas shows: Continuous Dipmeter or HDT BHC Formation Density Epithermal Neutron Microlog/Microlaterolog
" 8½"	1981-3475 m RKB (6500-11000 ft)	Same as Run 1 Induction-Electric, Sidewall Core Equipment. Geophone Survey, may be run 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 13 3/8-inch casing point to total depth.

Ditch Sample program:

Ditch samples of cuttings will be caught starting at the 13 3/8-inch casing shoe or as soon as practcable there after 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 Paleocene section only. Supplementary coring may be done with Sidewall Core gun.

Formation	Estimated depth
Paleocene	3139 meters (10300 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

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production packers and Otis Engineering Corporation's Subsurface Test Tree equipment.

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

   Previously submitted.

Yours truly,

PHILLIPS PETROLEUM COMPANY

T.J. Jobin
Manager

TJJ/HHH/iks

PHILLIPS PETROLEUM COMPANY NORWAY
UTENLANDSK AKSJESELSKAP
P.O.BOX 72 - STAVANGER, NORWAY - PHONE 41 340, 41 391 - CABLE: PHILLSTAV - TELEX 3084

TAUSHETSPLIKT

BAZ/GMR-012/69

Stavanger, January 9, 1969

The Ministry of Industry
Akersgaten 42
OSLO 1

ATTENTION: Petroleum Section

Dear Sir,

This is to advise that Phillips Petroleum Company has plugged and abandoned Well 7/11-3X. Following is a detailed procedure of the abandonment:

1. A Baker Model M bridge plug was set on Schlumberger wire line at 10623 RKB.

2. A Baker Model K combination cement retainer - bridge plug was set on Schlumberger wire line at 10518 RKB.

3. A Baker Model M bridge plug was set on Schlumberger wire line at 10418 RKB.

4. Pumped 25 sacks Class B cement with 0.3% LWL, plus 1% Diacel "A", mixed to 15.6 was laid across the perforations at 10337 RKB.

5. A Baker Model M bridge plug was set on Schlumberger wire line at 10316.

6. A Baker Model K cement retainer - bridge plug was set at 10203 RKB. 25 sacks of class "B" cement with 0.3% LWL and 1% Diacel A mixed to 15.6 ppg were squeezed through the cement retainer, down the 7" casing and into the perforations 10255-10315 RKB. A maximum squeeze pressure of 3000 psi was used.

7. A Baker Model K cement retainer - bridge plug was set at 10152' RKB. 25 sacks class B cement with 0.3% LWL and 1% Diacel A mixed to 15.6 ppg were squeezed through the cement retainer, down the 7" casing, and into the perforations 10152-10203 RKB. A maximum squeeze pressure of 2400 psi was used.

8. A Baker Model K cement retainer - bridge plug was set at 10110 RKB. 25 sacks class B cement with 0.3% LWL and 1% Diacel A mixed to 15.6 ppg were squeezed through the cement retainer, down the 7" casing and into the perforations 10125-10145 RKB. A maximum squeeze pressure of 2800 psi was used.

9. A cement plug was laid from 9990 to 9840 RKB.

10. A Baker Model M bridge plug was set at 8749 RKB.

11. Two feet (5015 to 5017) of the 7" casing was perforated (8 holes)

12. A Baker Model K cement retainer - bridge plug was set at 5000' RKB.

13. 25 sacks cement were squeezed below the retainer at 5000' and into 7" and 9-5/8" annulus.

14. The casing strings were cut as follows:

7" - at 370' RKB
9-5/8" - at 365' RKB
13-3/8" - at 349' RKB
20" - at sea floor (340' RKB)

15. All of the cut casing was recovered from the sea floor as was the permanent guide base and other related well-head equipment.

16. 40 sacks class "B" cement with 1% Diacel "A" plus 0.3% LWL mixed to 15.6 cement plug were laid. This plug was from 300 ft. back to 100' below mudline.

17. The sea bottom surrounding the plugged and abandoned location was inspected by Divcon International Divers and found to be free of all wellhead equipment and debris.

Attached is a schematic drawing showing the present condition of well 7/11-3X.

Yours very truly,

A.T. Crump
Area Superintendent
Drilling & Production

cc: Mr. T.J. Jobin

PHILLIPS PETROLEUM COMPANY

WELL 7/11-3X

PLUG AND ABANDON