

OMB Approval No. 1010-0077  
Expires: OCTOBER 31, 1994

<b>NOTICE OF INTENT/REPORT OF WELL ABANDONMENT</b>							
<b>1. FIELD NAME</b> Wildcat			<b>2. MMS LEASE, UNIT OR COMM. NO. (6)</b> Y 1597 0			<b>3. MMS OPERATOR NUMBER (5)</b> 635	
<b>4. OPERATOR WELL NUMBER (7)</b>  1		<b>5. DATE (RE)COMPLETED (6) YYMMDD</b>  93-11-09		<b>6. API NUMBER (10 OR 12) SIDE STATE (2) COUNTY (3) SEQUENCE (5) TRACK (2)</b> 55      171      00011		<b>COMPLETION CODE (3)</b>	
<b>7. OPERATOR NAME AND ADDRESS (SUBMITTING OFFICE)</b>  ARCO Alaska, Inc. PO Box 100360 Anchorage, Ak 99510-0360				<b>8. WELL TYPE (1)</b>  E		<b>9. DATE SPUDED (6) YYMMDD</b>  93/10/13	
				<b>10. SIDETRACKED (6) YYMMDD</b>  NA		<b>LEAVE BLANK</b>	
<b>11. FINAL LOCATION OF WELL (12)</b>  Surface: 2801' FSL, 3134' FEL of Block 760  Production zone: NA  Total depth: NA				<b>12. OPERATING AREA CODE (2)</b>  FI		<b>13. BLOCK NUMBER (6)</b>  760	
				<b>14. MAP OR OFFICIAL PROTRACTION DIAGRAM NUMBER (7)</b>  NR 6-4, Flaxman Island			
<b>15. OPERATOR LEASE UNIT OR COMMUNITIZATION NAME</b> Kuvlum				<b>16. NOTICE OF INTENT</b> SUBMITTAL SUBSEQUENT REPORT <input checked="" type="checkbox"/>		<b>17. TYPE OF TEMPORARY</b> ABANDONMENT PERMANENT <input checked="" type="checkbox"/>	
<b>18. DATE TD REACHED (6) YYMMDD</b>  93/11/3		<b>19. TOTAL DEPTH (5)</b>  MD 9314' TVD 9314'		<b>20. PLUG BACK DEPTH (5) (PROPOSED)</b>  MD 250' TVD 250'		<b>21. DATE ABANDONED (6) YYMMDD</b> PROPOSED <input checked="" type="checkbox"/> 93/11/09 COMPLETED <input type="checkbox"/>	
<b>22. ELECTRIC AND OTHER LOGS RUN (MAY BE OMITTED IF PREVIOUSLY SUBMITTED)</b> DSI, GR, SP, LDT, CNL, NGT, Microlog, FMI, VSP, PERCUSSION SWC, RFT							
<b>23. CASING RECORD</b> (Report all strings unless previously submitted)							
HOLE SIZE (4)	CASING SIZE (4), LB/FT (5) & GRADE	SETTING DEPTH		QUANTITY OF CEMENT (CU. FT./TYPE)			
		MD (5)	TVD (5)				
26"	30" 457 X-52	294'	294'	30" casing drilled in place			
26"	20" 133 X-56	1000'	1000'	2675 cu. ft. Arctic Set I			
17.5"	13-3/8" 68 L-80	3829'	3829'	1982 cu. ft. Class G w/ 2% gel, 427 cu. ft. Class G			
CASING PULLED				BRIDGE PLUGS/RETAINERS			
CASING SIZE (4)	SHOT/CUT AT		PULLED FROM		DEPTH SET MD (5)	DESCRIPTION	
	MD (5)	TVD (5)	MD(5)	TVD (5)			
					3760'	EZSV RETAINER	
					450'	EZSV RETAINER	
JUNK IN HOLE							
DESCRIPTION					FROM	TO	
PLUGGING RECORD							
DEPTH INTERVAL MD (5)		AMOUNT, SLURRY COMPOSITION, AND METHOD OF PLACEMENT					
8500'-8850'		292 cu ft Class G, open hole balanced plug					
6600'-7400		674 cu ft Class G, open hole balanced plug in 2 stages					
3650'-4000'		264 cu ft Class G cement below retainer @ 3760' and 56 cu ft cement above retainer					
250'-450'		168 cu ft Arctic Set I above retainer @ 450' RKB					

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**Minerals Management Service  
Anchorage, Alaska**

## 24. PRODUCTION HISTORY (Development wells only)

DATE LAST PROD (4) YYYYMM	WELL STATUS	OIL-BBL (6)	GAS-MCF (6)	WATER-BBL (6)	GAS/OIL RATIO (6)	SHUT-IN TUBING PRESSURE (5)
NA		PROD. FOR LAST PERIOD				

ALL PERFORATED INTERVALS CURRENTLY OPEN (5)

## REASON FOR ABANDONMENT (Include supportive well logs and test data):

NA

## SITE CLEARANCE

DATE (6) YYYYMMDD 11/9/93

## EXTENT OF

SITE SEARCH 65' radius f/ well

## SITE CLEARED BY

Divers

## SUMMARY OF POROUS ZONES:

SHOW ALL ZONES CONTAINING HYDROCARBONS; ALL CORED INTERVALS; AND ALL DRILL STEM TESTS, INCLUDING DEPTH AND INTERVAL TESTED, CUSHION USE, TIME TOOL WAS OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES.

FORMATION	TOP		BOTTOM		DESCRIPTION, CONTENTS, ETC.
	MD (5)	TVD (5)	MD (5)	TVD (5)	
Sagavanirktok	7110'	7110'	7170'	7170'	Quartzose with light to dark gray lithic grains.

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GEOLOGIC MARKERS NAME	TOP		NAME	TOP	
	MD (5)	TVD (5)		MD (5)	TVD (5)
Sagavanirktok Sagavanirktok	surface 9314'	surface 9314'			

Paleontological data not available yet- anticipate MCI data in 2-4 weeks.

## WARNING:

PUBLIC LAW 97-451 provides civil and criminal penalties for false or inaccurate reporting. Failure to report as required under the terms of the lease permit, or contract may result in suspension of operations or other enforcement actions.

## CONTACT NAME (First, MI, Last)

Tim A. Billingsley

## PHONE NUMBER (10)

907-265-6575

## EXTENSION NUMBER (4)

XXXX

## AUTHORIZING NAME (First, MI, Last)

Michael B. Winfree

## TITLE

Area Drilling Engineer

## AUTHORIZING SIGNATURE

DATE YYYYMMDD (6)

93-11-12

(This space is for Federal office use)

☒ APPROVED BY:

CONDITIONS OF APPROVAL FOR SPECIAL CIRCUMSTANCES:

ARE ATTACHED ☐NONE ☐☐ ACCEPTED BY:

TITLE

DISTRICT SUPERVISOR

DATE (6)

YYYYMMDD

93/11/12

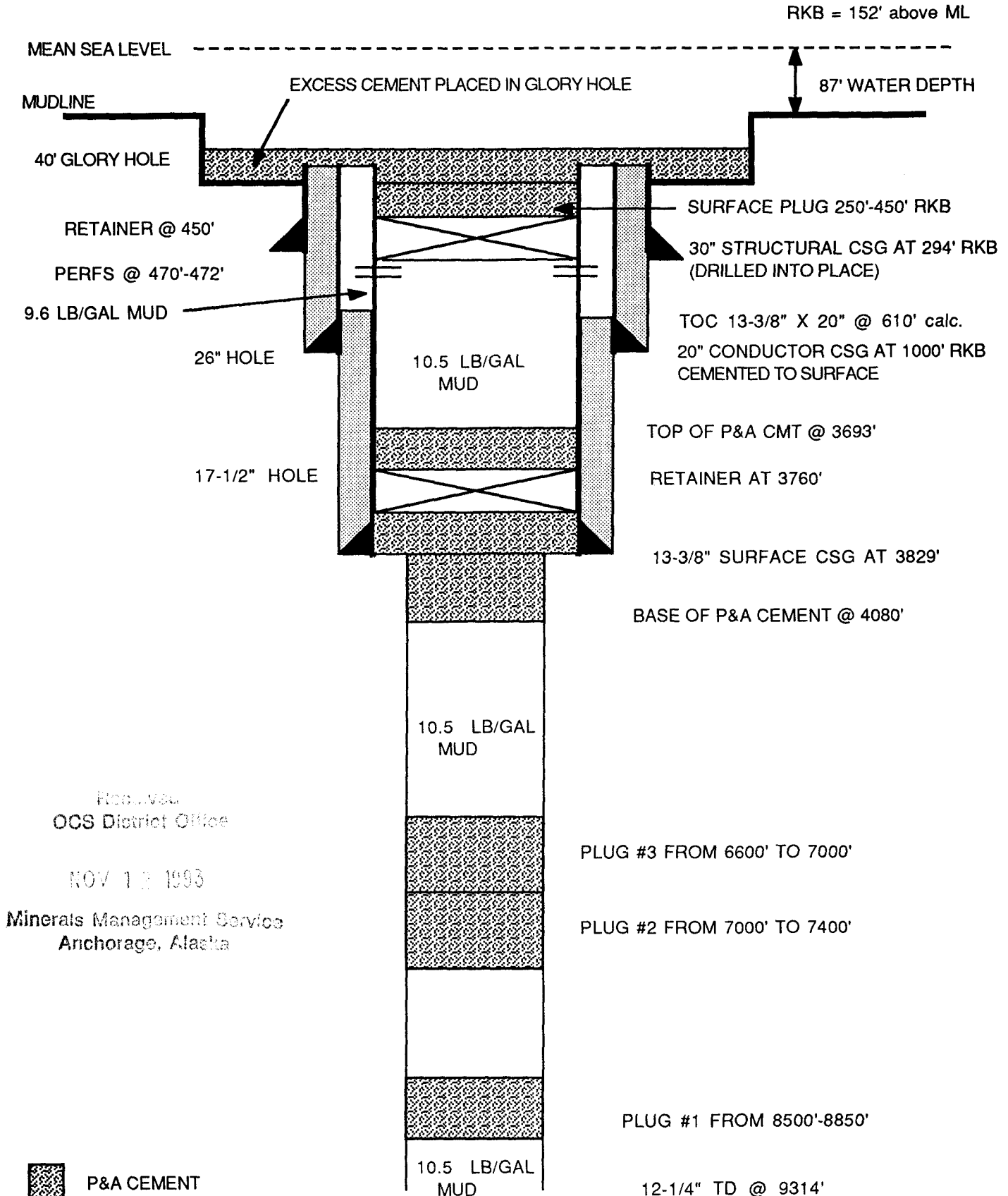
## PAPERWORK REDUCTION ACT STATEMENT

The Paperwork Reduction Act of 1980 (44 U.S.C. 3501 et seq.) requires us to inform you that: This information is being collected to obtain knowledge of the equipment, materials, and procedures to be used during well abandonment operations. This information will be used by MMS District Supervisors to evaluate and approve or disapprove the adequacy of the equipment, materials, and/or procedures which the lessee plans to use during the conduct of well-abandonment operations including temporary abandonments. Response to this request is mandatory (43 U.S.C. 1334).

Public reporting burden for this form is estimated to average 1/2 hour per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form to the Information Collection Clearance Officer, Mail Stop 2300, Minerals Management Service, 381 Elden Street, Herndon, VA 22070-4817; and Office of Management and Budget, Paperwork Reduction Project (OMB No. 1010-0077), Washington, DC 20503.

# OCS-Y-1597 #1

ACTUAL P&A STATUS OF EXPLORATION WELL



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Minerals Management Service  
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TB 11/10/93

**OCS-Y-1597 #1  
P&A Procedure  
Actual**

**General Information**

**Geometry:** Mudline @ 152' RKB  
30" @ 294' RKB  
20" @ 1000' RKB  
13-3/8" @ 3829' RKB  
12-1/4" hole at 9314'

**Status:** Minimum cement depths to cover hydrocarbon intervals  
as verbally agreed upon with Mr. Brian Schoof on  
11/6/93:

6600'-7300'  
8600'-8800'

Mud weight = 10.5 ppg.

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1. Completed logging runs, RIH with drill pipe to 9100'.
2. Spotted a balanced 37 bbl viscous pill (10.5 ppg) from 9100' TO 8850'. Displace with mud.
3. Placed a balanced 15.8 ppg 52 bbl cement plug on top of viscous mud pill from 8500'-8850'. Dowell pill formula:

250 sxClass G (52 bbl)  
0.6% D-13 retarder  
.05 gal/sk D-47 defoamer

Yield= 1.17 cu. ft./sk  
Set time = 4:46 at  
135°F BHCT

4. POH with open ended drill pipe to 7400'.
5. Placed a balanced 15.8 ppg 60 bbl cement plug from 7000'-7400'. Dowell pill formula:

287 sxClass G (60 bbl)  
0.6% D-13 retarder  
.05 gal/sk D-47 defoamer

Yield= 1.17 cu. ft./sk  
Set time = 4:59 at  
115°F BHCT

6. POH with open ended drill pipe to 7000'.
7. Placed a balanced 15.8 ppg 60 bbl cement plug from 6600'-7000'. Dowell formula:

287 sxClass G (60 bbl)  
0.6% D-13 retarder  
.05 gal/sk D-47 defoamer

Yield= 1.17 cu. ft./sk  
Set time = 4:59 at  
115°F BHCT

8. POOH with drill pipe and MU 13-3/8" EZSV retainer on DP.

9. Set EZSV retainer at 3760' RKB with 13-3/8" shoe @ 3829'.

10. Established injection thru retainer.

11. Mixed 57 bbl (274 sx) Class G cement.

274 sx Class G  
.05 G/sk D-47 defoamer

Yield= 1.17 cu. ft./sk  
Set time = 4:02 at  
90°F BHCT

12. Pumped 47 bbl cement below retainer. (10.3 bbl is volume of 69' of 13-3/8" casing below retainer and 36.7 bbl of additional cement extended 251' below shoe to 4080')

13. Unsting from retainer and lay in 10 bbl of cement on top of retainer. TOC @ 3693'.

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14. POH with drill pipe.
15. Shot holes in 13-3/8" 68# L-80 casing at 470'-472', 2 spf.
16. POH with wireline. Closed blind rams and pressure tested 13-3/8" x 20" annulus to 500 psi via perforation holes. Held OK for 15 minutes.
17. RIH with retainer on drill pipe and set at 450'.
18. Unsting from retainer and placed balanced cement plug of 180 sx (30 bbls) Arctic Set I from 450' to 250' RKB. (Mudline @ 152' RKB)

Dowell formula:

180 sx (30 bbls) Arctic Set I @ 15.8 ppg  
0.3% D-13

Yield= 0.93cu. ft./sk  
Set time = 3:04 at  
45°F BHCT

19. POH and disconnected from well. Left wellhead on OCS-Y-1597 #1. No caisson was utilized so topmost remaining item is the guide posts at 27' below mudline.
20. Performed diver search on OCS-Y-1597 #1 wellbore for site clearance on 11/9/93 from 17:00 to 18:00. Bottom was clear.
21. Pumped remaining cement on board Kulluk into glory hole. Pumped 1853 sx (386 bbls) Class G and 3197 sx (530 bbls) Arctic Set I.

TAB 11/10/93

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Anchorage, Alaska

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Expires: OCTOBER 31, 1994

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FORM MMS-332		NOTICE OF INTENT/REPORT OF WELL ABANDONMENT				PAGE 2
<b>24. PRODUCTION HISTORY</b> (Development wells only)						
DATE LAST PROD (4) YYYYMM	WELL STATUS	OIL-BBL (6)	GAS-MCF (6)	WATER-BBL (6)	GAS/OIL RATIO (6)	SHUT-IN TUBING PRESSURE (5)
NA		PROD. FOR LAST PERIOD				
ALL PERFORATED INTERVALS CURRENTLY OPEN (5)						
REASON FOR ABANDONMENT (include supportive well logs and test data):						
NA						
SITE CLEARANCE DATE (6) YYYYMMDD 11/9/93		EXTENT OF SITE SEARCH 65' radius f/ well		SITE CLEARED BY Divers		
SUMMARY OF POROUS ZONES: SHOW ALL ZONES CONTAINING HYDROCARBONS; ALL CORED INTERVALS; AND ALL DRILL STEM TESTS, INCLUDING DEPTH AND INTERVAL TESTED, CUSHION USE, TIME TOOL WAS OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES.						
FORMATION	TOP		BOTTOM		DESCRIPTION, CONTENTS, ETC.	
	MD (5)	TVD (5)	MD (5)	TVD (5)		
						Received OCS District Office  NOV 12 1993  Minerals Management Service Anchorage, Alaska
GEOLOGIC MARKERS NAME	TOP		NAME	TOP		
	MD (5)	TVD (5)		MD (5)	TVD (5)	
WARNING: PUBLIC LAW 97-451 provides civil and criminal penalties for false or inaccurate reporting. Failure to report as required under the terms of the lease permit, or contract may result in suspension of operations or other enforcement actions.						
CONTACT NAME (First, MI, Last) Tim A. Billingsley			PHONE NUMBER (10) 907-265-6575		EXTENSION NUMBER (4) XXXX	
AUTHORIZING NAME (First, MI, Last) Michael B. Winfree			TITLE Area Drilling Engineer			
AUTHORIZING SIGNATURE <i>Tim Billingsley for MB Winfree</i>			DATE YYYYMMDD (6) 93-11-12			
(This space is for Federal office use)						
APPROVED BY: <i>[Signature]</i>			CONDITIONS OF APPROVAL FOR SPECIAL CIRCUMSTANCES:		DATE (6) YYYYMMDD 93/11/14	
ACCEPTED BY: <i>[Signature]</i>			TITLE DISTRICT SUPERVISOR			
PAPERWORK REDUCTION ACT STATEMENT						
The Paperwork Reduction Act of 1980 (44 U.S.C. 3501 et seq.) requires us to inform you that: This information is being collected to obtain knowledge of the equipment, materials, and procedures to be used during well abandonment operations. This information will be used by MMS District Supervisors to evaluate and approve or disapprove the adequacy of the equipment, materials, and/or procedures which the lessee plans to use during the conduct of well-abandonment operations including temporary abandonments. Response to this request is mandatory (43 U.S.C. 1334).						
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SUBMIT: ORIGINAL,  
ONE COPY, AND ONE  
PUBLIC INFORMATION  
COPY.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
MINERALS MANAGEMENT SERVICE

OMB Approval No. 1010-0077  
Expires: OCTOBER 31, 1994

NOTICE OF INTENT/REPORT OF WELL ABANDONMENT									
1. FIELD NAME Wildcat				2. MMS LEASE, UNIT OR COMM. NO. (6) Y 1597 0			3. MMS OPERATOR NUMBER (5) 635		
4. OPERATOR WELL NUMBER (7) 1		5. DATE (RE)COMPLETED (6) YYMMDD 93-11-09 est		6. API NUMBER (10 OR 12) STATE (2) COUNTY (3) SEQUENCE (5) TRACK (2) 55 171 00011			7. COMPLETION CODE (3)		
7. OPERATOR NAME AND ADDRESS (SUBMITTING OFFICE) ARCO Alaska, Inc. PO Box 100360 Anchorage, Ak 99510-0360				8. WELL TYPE (1) E			9. DATE SPUDDED (6) YYMMDD 93/10/13		
				10. SIDETRACKED (6) YYMMDD NA			LEAVE BLANK		
11. FINAL LOCATION OF WELL (12) Surface: 2801' FSL, 3134' FEL of Block 760 Production zone: NA Total depth: NA				12. OPERATING AREA CODE (2) FI			13. BLOCK NUMBER (6) 760		
				14. MAP OR OFFICIAL PROTRACTOR DIAGRAM NUMBER (7) NR 6-4, Flaxman Island					
15. OPERATOR LEASE UNIT OR COMMUNITIZATION NAME Kuvlum				16. NOTICE OF INTENT SUBMITTAL <input checked="" type="checkbox"/> SUBSEQUENT REPORT <input type="checkbox"/>			17. TYPE OF ABANDONMENT TEMPORARY <input type="checkbox"/> PERMANENT <input checked="" type="checkbox"/>		
18. DATE TD REACHED (6) YYMMDD 93/11/3		19. TOTAL DEPTH (5) MD 9314' TVD 9314'		20. PLUG BACK DEPTH (5) (PROPOSED) MD 250' TVD 250'			21. DATE ABANDONED (6) YYMMDD PROPOSED <input checked="" type="checkbox"/> 93/11/09 est. COMPLETED <input type="checkbox"/>		
22. ELECTRIC AND OTHER LOGS RUN (MAY BE OMITTED IF PREVIOUSLY SUBMITTED) DSI, GR, SP, LDT, CNL, NGT, Microlog, FMI, VSP, PERCUSSION SWC, RFT									
23. CASING RECORD (Report all strings unless previously submitted)									
HOLE SIZE (4)		CASING SIZE (4), LB/FT (5) & GRADE		SETTING DEPTH MD (5) TVD (5)		QUANTITY OF CEMENT (CU. FT./TYPE)			
26"	30"	457	X-52	294'	294'	30" casing drilled in place			
26"	20"	133	X-56	1000'	1000'	2675 cu. ft. Arctic Set I			
17.5"	13-3/8"	68	L-80	3829'	3829'	1982 cu. ft. Class G w/ 2% gel, 427 cu. ft. Class G			
CASING PULLED		SHOT/CUT AT		PULLED FROM		BRIDGE PLUGS/RETAINERS			
CASING SIZE (4)	MD (5)	TVD (5)	MD(5)	TVD (5)	DEPTH SET MD (5)	DESCRIPTION			
					3750' PROPOSED	EZSV RETAINER			
					450' PROPOSED	EZSV RETAINER			
JUNK IN HOLE									
DESCRIPTION						FROM		TO	
PLUGGING RECORD									
DEPTH INTERVAL MD (5)		AMOUNT, SLURRY COMPOSITION, AND METHOD OF PLACEMENT							
(Proposed)									
8500'-8850'		292 cu ft Class G, open hole balanced plug							
6600'-7400		674 cu ft Class G, open hole balanced plug							
3650'-4000'		208 cu ft Class G cement below retainer @ 3750' and 84 cu ft cement above retainer							
250'-450'		168 cu ft Arctic Set I above retainer @ 450' RKB							

Form MMS-332 (November 1991)  
(Supersedes Form MMS-332 (July 1988)  
which will not used)

CONTINUED ON REVERSE  
COMPLETE REVERSE SIDE, SIGN, AND DATE

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MINERALS MANAGEMENT SERVICE  
ANCHORAGE, ALASKA

## 24. PRODUCTION HISTORY (Development wells only)

DATE LAST PROD (4) YYMM	WELL STATUS	OIL-BBL (6)	GAS-MCF (6)	WATER-BBL (6)	GAS/OIL RATIO (6)	SHUT-IN TUBING PRESSURE (5)
NA		PROD. FOR LAST PERIOD				

ALL PERFORATED INTERVALS CURRENTLY OPEN (5)

## REASON FOR ABANDONMENT (include supportive well logs and test data):

NA

## SITE CLEARANCE

DATE (6) YYMMDD/1993 EST

## EXTENT OF

SITE SEARCH 65' radius 1/ well

## SITE CLEARED BY

Divers (PROPOSED)

## SUMMARY OF POROUS ZONES:

SHOW ALL ZONES CONTAINING HYDROCARBONS; ALL CORED INTERVALS; AND ALL DRILL STEM TESTS, INCLUDING DEPTH AND INTERVAL TESTED, CUSHION USE, TIME TOOL WAS OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES.

FORMATION	TOP		BOTTOM		DESCRIPTION, CONTENTS, ETC.
	MD (5)	TVD (5)	MD(5)	TVD (5)	

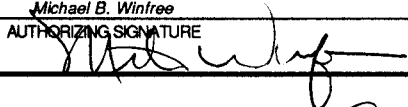
GEOLOGIC MARKERS NAME	TOP		NAME	TOP	
	MD(5)	TVD (5)		MD (5)	TVD (5)

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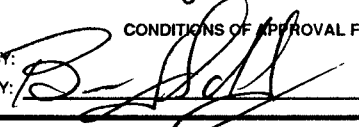
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WARNING: PUBLIC LAW 97-451 provides civil and criminal penalties for false or inaccurate reporting. Failure to report as required under the terms of the lease permit or contract may result in suspension of operations or other enforcement actions.

CONTACT NAME (First, MI, Last) Tim A. Billingsley	PHONE NUMBER (10) 907-265-6575	EXTENSION NUMBER (4) XXXX
AUTHORIZING NAME (First, MI, Last) Michael B. Winfree	TITLE Area Drilling Engineer	
AUTHORIZING SIGNATURE 	DATE YYMMDD (6) 93-11-08	

(This space is for Federal office use)

☒ APPROVED BY:  TITLE: District Supervisor

☐ ACCEPTED BY: \_\_\_\_\_

CONDITIONS OF APPROVAL FOR SPECIAL CIRCUMSTANCES: ARE ATTACHED ☐ NONE ☐

DATE (6) YYMMDD 93/11/09

## PAPERWORK REDUCTION ACT STATEMENT

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# OCS-Y-1597 #1 P&A Procedure Proposed

## General Information

**Geometry:** Mudline @ 152' RKB  
30" @ 294' RKB  
20" @ 1000' RKB  
13-3/8" @ 3829' RKB  
12-1/4" hole at 9314'

**Status:** Operation prior to P&A: Logging.

Minimum cement depths to cover hydrocarbon intervals  
as verbally agreed upon with Mr. Brian Schoof on  
11/6/93:

6600'-7300'  
8600'-8800'

Mud weight = 10.5 ppg.

**Objectives:** Set open hole balanced cement plugs across  
hydrocarbon interval from:

8500'-8850'  
6600'-7400' (in 2 stages)

Set retainer at base of 13-3/8" casing and pump 37 bbl  
cement thru retainer and dump 15 bbl on top of retainer.

Perforate 13-3/8" at 470', set retainer and pressure test  
13-3/8" x 20" annulus.

Lay in balanced cement plug from 450'-250' RKB.

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OPERATIONS MANAGEMENT CENTRE  
SHELL INTERNATIONAL PETROLEUM COMPANY

1. After completing logging runs, RIH with drill pipe to 9100'.
2. Spot a balanced 50 bbl viscous pill (10.5 ppg) from 9100' TO 8850'. Displace with mud.
3. Spot a balanced 15.8 ppg cement plug on top of viscous mud pill from 8500'-8850'. Dowell pill formula is:

250 sxClass G (52 bbl)  
.6% D-13

Yield= 1.17 cu. ft./sk  
Set time = 4:46 at  
135°F BHCT

4. POH with open ended drill pipe to 7400'. (Tag of plug is **not** required by MMS).
5. Spot a balanced 15.8 ppg cement plug from 7000'-7400'. Dowell pill formula is:

287 sxClass G (60 bbl)  
.6% D-13

Yield= 1.17 cu. ft./sk  
Set time = 4:59 at  
115°F BHCT

6. POH with open ended drill pipe to 7000'.
7. Spot a balanced 15.8 ppg cement plug from 6600'-7000'. Dowell pill formula is:

287 sxClass G (60 bbl)  
.6% D-13

Yield= 1.17 cu. ft./sk  
Set time = 4:59 at  
115°F BHCT

8. POOH with drill pipe and MU 13-3/8" EZSV retainer on DP. (Tag of plug is not required by MMS).
9. Set EZSV retainer at 3750' RKB with 13-3/8" shoe @ 3829'.
10. Establish injection thru retainer.

(If sufficient rate can not be established, notify MMS and unsting from retainer and use as a bridge plug. Lay in 75 sx of cement on top of bridge plug.)

11. Mix 52 bbl (250 sx) Class G cement.

240 sx Class G  
.05 G/sk D-47 anti-foam

Yield= 1.18 cu. ft./sk  
Set time = 4:02 at  
90°F BHCT

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ANCHORAGE, ALASKA

12. Pump 37 bbl cement below retainer. (12 bbl is volume of 79' of 13-3/8" casing below retainer and 25 bbl of additional cement will extend 171' below shoe)
13. Unsting from retainer and lay in 15 bbl of cement on top of retainer.
14. POH with drill pipe.
15. Shoot holes in 13-3/8" 68# L-80 casing at 470'-472'. Avoid penetrating 20" casing.
16. POH with wireline. Close blind rams and pressure test 13-3/8" x 20" annulus to 500 psi via perforation holes.
17. RIH with retainer on drill pipe and set at 450'. If pressure test did not hold, attempt to establish pump rate thru retainer and squeeze Arctic Set I into 13-3/8" x 20" annulus. (Volume for 100' in annulus is 18 bbls or 95 sx)
18. Unsting from retainer and lay-in balanced cement plug of Arctic Set I from 450' to 250' RKB. (Mudline @ 152' RKB)

Preliminary Dowell pill formula is:

180 sx (30 bbls) Arctic Set I @ 15.8 ppg  
0.3% D-13

Yield= 0.93cu. ft./sk  
Set time = 3:04 at  
45°F BHCT

19. POH and disconnect from well and prepare to move. Leave wellhead on OCS-Y-1597 #1. A waiver has been verbally granted to dispose of any remaining cement from the Kulluk rig into the Glory Hole.
20. Perform diver search on OCS-Y-1597 #1 wellbore for site clearance.

TAB 11/8/93

REC'D  
OCS DISTRICT OFFICE

NOV 08 1993

MINERALS MANAGEMENT SERVICE  
ANCHORAGE, ALASKA

# OCS-Y-1597 #1

## PROPOSED P&A STATUS OF EXPLORATION WELL

