

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

Page 1

1. After completing logging runs, RIH with drill pipe to 7350'.
2. Spot balanced 50 bbl viscous pill from 7650' to 7300'. Displace with mud.
3. Spot a balanced 15.8 ppg 725 sx 151 bbl cement plug on top of viscous mud pill from 7300'-6300', geologic interpretation of hydrocarbon interval in Kuvlum #2 is 6450'-7150'.

750
~~650~~ sx Class G *msw*
 .05% D-800 retarder

Yield= 1.17 cu. ft./sk

4. POH with open ended drill pipe.
5. Set 13-3/8" retainer at 3900' RKB with 13-3/8" shoe @ 3978'.
6. Mix 50 bbl (240 sx) Class G cement.

240 sx Class G
 .05 G/sk D-47 anti-foam
 2% CaCl₂

Yield= 1.18 cu. ft./sk

7. Establish injection through retainer. Pump at least 30 bbl cement below retainer.
8. Unsting and lay in at least 14 bbl on top of retainer.
9. POOH with DP.
10. Perforate 13-3/8" @ ±420'. POH with wireline.
11. Close rams and pressrue test 13-3/8" x 20" annulus.
12. Set retainer on drill pipe at 400'. If pressure test failed, squeeze 22 bbl or 110 sx Arctic Set I cement thru retainer.
13. Unsting from retainer and lay-in balanced 30 bbl (180 sx) cement plug of Arctic Set I 15.8 ppg from 400' to 200' RKB. (Mudline at 166' RKB)

180 sx Arctic Set I
 .5% D-13

Yield = 0.91 cu, ft./sk

14. POH and disconnect from well and move to Kuvlum #3. A waiver is being requested for leaving the top of caisson at 12.5' BML.
15. Perform diver search around Kuvlum #2 wellbore for site clearance.

TAB 8/26/93

Received
 OCS District Office

Aug 27 1993

Minerals Management Service
 Anchorage, Alaska

Kuvlum #2 P&A Procedure

General Information

Geometry: Mudline @ 166' RKB
30" @ 302' RKB
20" @ 1017' RKB
13-3/8" @ 3978' RKB
12-1/4" hole at 11,125'

Status: Operation prior to P&A: Logging.

Mud weight = 10.8 ppg.

Objectives: Set open hole balanced cement plug across hydrocarbon interval from 6300'-7300' (Hydrocarbon interval from 6450'-7150")

Set retainer near base of 13-3/8" casing and pump 30 bbl cement below retainer and lay in 14 bbl on top of retainer.

Perforate 13-3/8" at $\pm 420'$ to pressure test 13-3/8" x 20" annulus.

Set cement plug near surface.

Received
OCS District Office

AUG 27 1993

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

EXTENT OF

SITE SEARCH

SITE CLEARED BY

XX

SUMMARY OF POROUS ZONES:

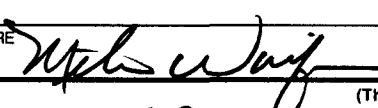
SHOW ALL ZONES CONTAINING HYDROCARBONS; ALL CORED INTERVALS; AND ALL DRILL STEM TESTS, INCLUDING DEPTH AND INTERVAL TESTED, CUSHION USE, TIME TOOL WAS OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES.

FORMATION	TOP		BOTTOM		DESCRIPTION, CONTENTS, ETC.
	MD (5)	TVD (5)	MD(5)	TVD (5)	
Core	6729'	6729'	6732'	6732'	Clay, Siltstone

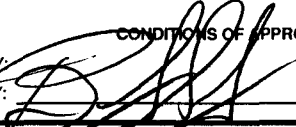
Received
OCS District Office
AUG 27 1993
Minerals Management Service
Anchorage, Alaska

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) Michel B. Wintree	TITLE Area Drilling Engineer	
AUTHORIZING SIGNATURE 	DATE YYMMDD (6) 93-08-20	

(This space is for Federal office use)

APPROVED BY:  TITLE: District Supervisor DATE (6) YYMMDD: 93/08/27

ACCEPTED BY: _____

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

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 Eldon Street, Herndon, VA 22070-4817; and Office of Management and Budget, Paperwork Reduction Project (OMB No. 1010-0077), Washington, DC 20503.

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 0865 0		3. MMS OPERATOR NUMBER (5) 635		
4. OPERATOR WELL NUMBER (7) 2	5. DATE (RE)COMPLETED (6) YYMMDD 93-8-26	6. API NUMBER (10 OR 12) STATE (2) COUNTY (3) SEQUENCE (5) TRACK (2) 55 171 00009		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 93/7/28		
		10. SIDETRACKED (6) YYMMDD NA		LEAVE BLANK		
11. FINAL LOCATION OF WELL (12) Surface: 6985' FWL, 3000' FSL of Block 672 Production zone: NA Total depth: NA		12. OPERATING AREA CODE (2) FI		13. BLOCK NUMBER (6) 672		
		14. MAP OR OFFICIAL PROTRACTION DIAGRAM NUMBER (7) NR 6-4, Flaxman Island				
15. OPERATOR LEASE UNIT OR COMMUNITIZATION NAME Kuvlum		16. TYPE NOTICE OF INTENT SUBMITT SUBSEQUENT REPORT <input checked="" type="checkbox"/> <input type="checkbox"/>		17. TYPE OF ABANDONMENT TEMPORARY <input type="checkbox"/> PERMANENT <input checked="" type="checkbox"/>		
18. DATE TD REACHED (6) YYMMDD 93/08/19	19. TOTAL DEPTH (5) MD 11,125' TVD 11,125'		20. PLUG BACK DEPTH (5) MD TVD		21. DATE ABANDONED (6) YYMMDD PROPOSED <input checked="" type="checkbox"/> 93/08/26 COMPLETED <input type="checkbox"/>	
22. ELECTRIC AND OTHER LOGS RUN (MAY BE OMITTED IF PREVIOUSLY SUBMITTED) AIT, Dipole Sonic, GR, SP, LDT, CNL, Cal, Dipmeter, FMI, SWC, RFT, VSP						
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	302	302	30" casing drilled in place		
26"	20" 133 X-56	1017'	1017'	3462 cu. ft. Arctic Set I		
17.5"	13-3/8" 68 L-80	3978'	3978'	1838 cu. ft. Class G w/ 2% gel, 580 cu. ft. Class G		
CASING PULLED						
CASING SIZE (4)	SHOT/CUT AT		PULLED FROM		DEPTH SET MD (5)	DESCRIPTION
	MD (5)	TVD (5)	MD (5)	TVD (5)		
JUNK IN HOLE						
DESCRIPTION					FROM	TO
PLUGGING RECORD						
DEPTH INTERVAL MD (5)		AMOUNT, SLURRY COMPOSITION, AND METHOD OF PLACEMENT				
(Proposed)						
6300'-7300'		850 cu ft Class G, open hole balanced plug				
3800'-4100'		250 cu ft Class G with 170 cu ft below retainer @ 3900' and 80 cu ft above retainer				
200'-400'		170 cu ft Arctic Set I above retainer				

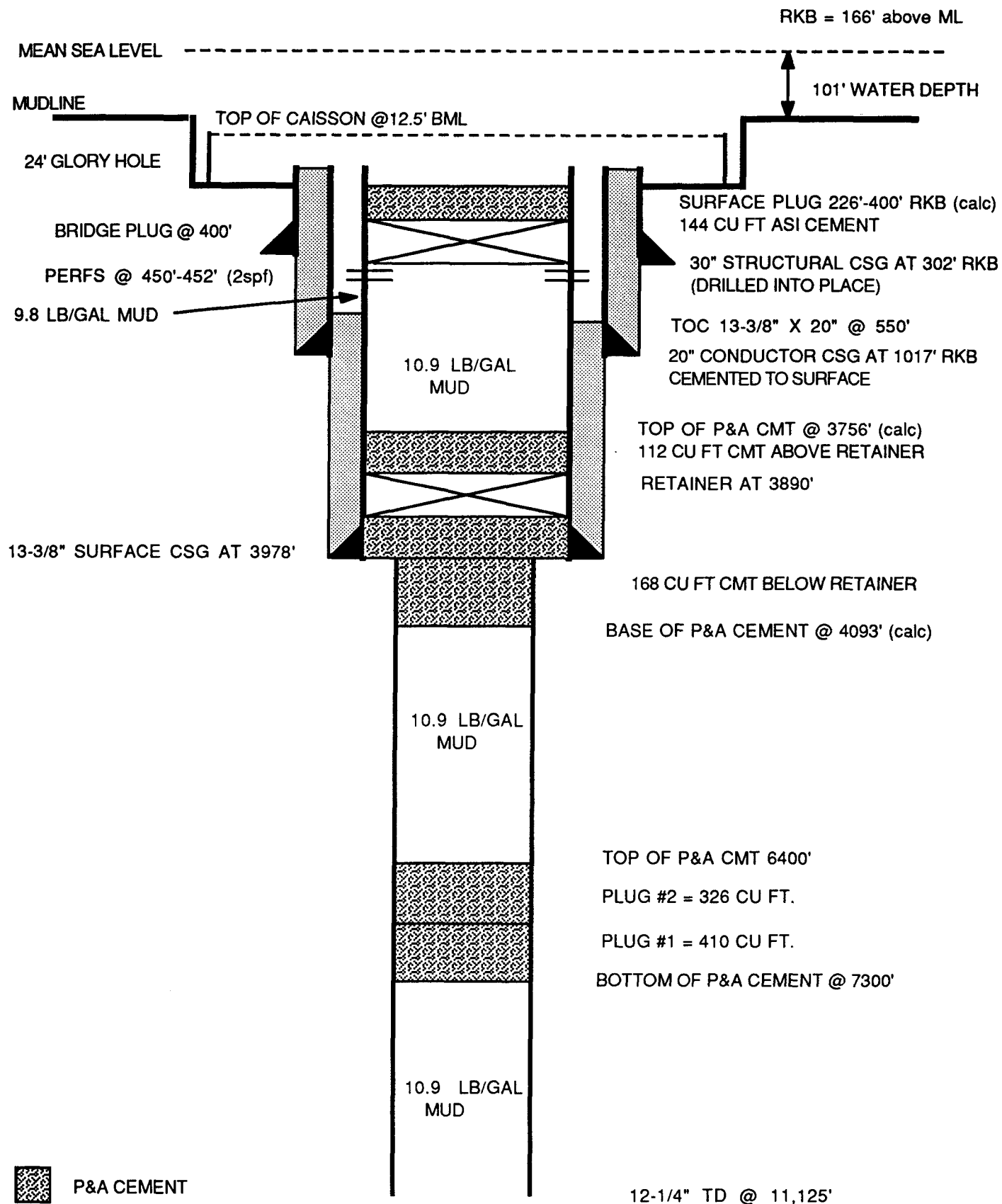
Form MMS-332 (November 1991)
(Supersedes Form MMS-332 (July 1988)
which will not used)

CONTINUED ON REVERSE
COMPLETE REVERSE SIDE, SIGN, AND DATE

Received
OCS District Office
AUG 27 1993
Minerals Management Service
Anchorage, Alaska

KUVLUM #2

ACTUAL P&A STATUS OF EXPLORATION WELL



**Kuvlum #2
P&A Procedure
As Performed 8/27 thru 8/28/93**

Geometry: Mudline @ 166' RKB
30" @ 302' RKB
20" @ 1017' RKB
13-3/8" @ 3978' RKB
12-1/4" hole at 11,125'

1. Completed logging runs, RIH with drill pipe to 7650'.
2. Placed a balanced 50 bbl viscous pill from 7650' to 7300'.
3. Placed a balanced 15.8 ppg 73 bbl (410 cu ft) cement plug on top of viscous mud pill from 7300'-6800' in a 12-1/4" diameter hole.

Class G cement with 0.5% D-800 retarder

4. PU to 6800' and placed a balanced 15.8 ppg 58 bbl (326 cu ft) cement plug on top of first cement plug from 6800'-6400' in a 12-1/4" diameter hole.

Class G cement with 0.5% D-800 retarder

5. Set 13-3/8" retainer at 3890' RKB with 13-3/8" shoe @ 3978'.
6. Established injection through retainer at 3 BPM and 1100 psi.
7. Mixed 50 bbl (281 cu ft) Class G cement with .05 G/sk D-47 anti-foam.
8. Squeezed 30 bbl (168 cu ft) cement through retainer. Unstung and placed 20 bbl (112 cu ft) cement on top of retainer.
9. Perforated 13-3/8" @ 450'-452' with 2 spf. POH with wireline.
10. Closed blind rams and pressure tested 13-3/8" x 20" annulus to 500 psi for 5 minutes. No leaks.
11. Set bridge plug on drill pipe at 400' RKB.
12. Placed 26 bbl (144 cu ft) of 15.8 ppg Arctic Set I cement from 400' to 226' RKB (Mudline at 166' RKB). Cement plug in place at 12:00 hrs on 8/28/93.
13. POH and disconnected from well and moved to Kuvlum #3. The top of caisson was left at 12.5' BML.
14. Performed diver search around Kuvlum #2 wellbore at 16:30-17:00 hrs 8/28/93. No debris observed.

TAB 9/2/93

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) YYMMDD

93/8/28

EXTENT OF

SITE SEARCH

65' radius 1/ well

SITE CLEARED BY

X Divers performed visual inspection

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)	
Core Sagavanirktok	6729' 6650'	6729' 6650'	6732' 7150'	6732' 7150'	Clay, Siltstone Quartzose with common chert and other sedimentary lithic grains, medium to light gray, very fine to coarse grained, locally pebbly, moderately well to poorly sorted, subangular grains, moderately to poorly sorted, locally silty or muddy, weak oil stain, rarely cemented by pyrite.

GEOLOGIC MARKERS NAME	TOP		NAME	TOP	
	MD(5)	TVD (5)		MD (5)	TVD (5)
Sagavanirktok Sagavanirktok	Surface 11,125'	Surface 11,125'			

WARNING:

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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)

93-09-02

(This space is for Federal office use)

☒ APPROVED BY:

CONDITIONS OF APPROVAL FOR SPECIAL CIRCUMSTANCES:

ARE ATTACHED ☐ NONE ☐☐ ACCEPTED BY:

TITLE

DATE (6)

YYMMDD

93/8/20

PAPERWORK REDUCTION ACT STATEMENT

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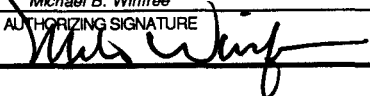
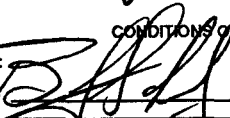
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OMB Approval No. 1010-0077
Expires: OCTOBER 31, 1994

1. FIELD NAME <div style="text-align: center;">Wildcat</div>				2. MMS LEASE, UNIT OR COMM. NO. (6) <div style="text-align: center;">Y 0865 0</div>				3. MMS OPERATOR NUMBER (5) <div style="text-align: center;">635</div>					
4. OPERATOR WELL NUMBER (7) <div style="text-align: center;">2</div>				5. DATE (RE)COMPLETED (6) YYMMDD <div style="text-align: center;">NA</div>				6. API NUMBER (10 OR 12) SIDE STATE (2) COUNTY (3) SEQUENCE (5) TRACK (2) <div style="text-align: center;">55 171 00009</div>				COMPLETION CODE (9) <div style="text-align: center;">-</div>	
7. OPERATOR NAME AND ADDRESS (SUBMITTING OFFICE) ARCO Alaska, Inc. PO Box 100360 Anchorage, Ak 99510-0360								8. WELL TYPE (1) <div style="text-align: center;">E</div>				9. DATE SPUDDED (6) YYMMDD <div style="text-align: center;">93/7/28</div>	
								10. SIDETRACKED (6) YYMMDD <div style="text-align: center;">NA</div>				LEAVE BLANK	
11. FINAL LOCATION OF WELL (12) Surface: 6985' FWL, 3000' FSL of Block 672 Production zone: NA Total depth: NA								12. OPERATING AREA CODE (2) <div style="text-align: center;">FI</div>				13. BLOCK NUMBER (6) <div style="text-align: center;">672</div>	
								14. MAP OR OFFICIAL PROTRACTION DIAGRAM NUMBER (7) <div style="text-align: center;">NR 6-4, Flaxman Island</div>					
15. OPERATOR LEASE UNIT OR COMMUNITIZATION NAME Kuvium								16. TYPE NOTICE OF INTENT <input type="checkbox"/> SUBMITT SUBSEQUENT REPORT <input checked="" type="checkbox"/>				17. TYPE OF TEMPORARY <input type="checkbox"/> ABANDONMENT PERMANENT <input checked="" type="checkbox"/>	
18. DATE TD REACHED (6) YYMMDD <div style="text-align: center;">93/08/19</div>				19. TOTAL DEPTH (5) MD 11,125' TVD 11,125'				20. PLUG BACK DEPTH (5) MD 226' TVD 226'				21. DATE ABANDONED (6) YYMMDD PROPOSED <input type="checkbox"/> 93/8/28 COMPLETED <input checked="" type="checkbox"/>	
22. ELECTRIC AND OTHER LOGS RUN (MAY BE OMITTED IF PREVIOUSLY SUBMITTED) AIT, Dipole Sonic, GR, SP, LDT, CNL, NGT, MICROLOG, ROTARY SWC, FMI, FMS, PERCUSSION SWC, MDT, VSP, RFT													
23. CASING RECORD (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				302	302	30" casing drilled in place			
26"				20" 133 X-56				1017'	1017'	3462 cu. ft. Arctic Set I			
17.5"				13-3/8" 68 L-80				3978'	3978'	1838 cu. ft. Class G w/ 2% gel, 580 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)	3890'		13-3/8" EZSV retainer					
						400'		13-3/8" EZSV bridge plug					
JUNK IN HOLE													
DESCRIPTION										FROM		TO	
PLUGGING RECORD													
DEPTH INTERVAL MD (5)				AMOUNT, SLURRY COMPOSITION, AND METHOD OF PLACEMENT									
(Proposed)													
6400'-7300'				736 cu ft Class G, open hole balanced plug in 2 stages									
3756'-4093'				168 cu ft Class G cement below retainer @ 3890' and 112 cu ft cement above retainer									
226'-400'				144 cu ft Arctic Set I above retainer @ 400' RKB									

MINERALS MANAGEMENT SERVICE
ANCHORAGE, ALASKA

PUBLIC INFORMATION

FORM MMS-332		NOTICE OF INTENT/REPORT OF WELL ABANDONMENT				PAGE 2
24. PRODUCTION HISTORY (Development wells only)						
DATE LAST PROD (4) YYMM	WELL STATUS	OIL-BBL (6)	GAS-MCF (6)	WATER-BBL (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		EXTENT OF SITE SEARCH		SITE CLEARED BY		
93/8/28		65' radius f/ well		X Divers performed visual inspection		
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 SEP 09 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 			DATE YYMMDD (6) 93-09-02			
(This space is for Federal office use)						
APPROVED BY: 			DATE (6) YYMMDD 93/08/20			
ACCEPTED BY: _____			TITLE DISTRICT SUPERVISOR			
PAPERWORK REDUCTION ACT STATEMENT						
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20 NOV 1996

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PUBLIC INFORMATION
UNITED STATES
DEPARTMENT OF THE INTERIOR
MINERALS MANAGEMENT SERVICE

RELEASED TO PUBLIC
DATE *[Signature]*

OMB Approval No. 1010-0077
Exp. DATE OCT 31 1994

NOTICE OF INTENT/REPORT OF WELL ABANDONMENT

1. FIELD NAME Wildcat				2. MMS LEASE, UNIT OR COMM. NO. (6) Y 0865 0				3. MMS OPERATOR NUMBER (5) 635			
4. OPERATOR WELL NUMBER (7) 2		5. DATE (RE)COMPLETED (6) YYMMDD NA		6. API NUMBER (10 OR 12) STATE (2) COUNTY (3) SEQUENCE (5) TRACK (2) 55 171 00009		SIDE 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 93/7/28			
				10. SIDETRACKED (6) YYMMDD NA				LEAVE BLANK			
11. FINAL LOCATION OF WELL (12) Surface: 6985' FWL, 3000' FSL of Block 672 Production zone: NA Total depth: NA						12. OPERATING AREA CODE (2) FI		13. BLOCK NUMBER (6) 672			
						14. MAP OR OFFICIAL PROTRACTOR DIAGRAM NUMBER (7) NR 6-4, Flaxman Island					
15. OPERATOR LEASE UNIT OR COMMUNITIZATION NAME Kuvlum				16. TYPE NOTICE OF INTENT SUBMITT SUBSEQUENT REPORT <input checked="" type="checkbox"/>				17. TYPE OF TEMPORARY ABANDONMENT PERMANENT <input checked="" type="checkbox"/>			
18. DATE TD REACHED (6) YYMMDD 93/08/19		19. TOTAL DEPTH (5) MD 11,125' TVD 11,125'		20. PLUG BACK DEPTH (5) MD 226' TVD 226'		21. DATE ABANDONED (6) YYMMDD 93/8/28					
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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	302	302	30" casing drilled in place					
26"	20"	133	X-56	1017'	1017'	3462 cu. ft. Arctic Set I					
17.5"	13-3/8"	68	L-80	3978'	3978'	1838 cu. ft. Class G w/ 2% gel, 580 cu. ft. Class G					
CASING PULLED											
CASING SIZE (4)	SHOT/CUT AT		PULLED FROM		DEPTH SET MD (5)	BRIDGE PLUGS/RETAINERS					
	MD (5)	TVD (5)	MD(5)	TVD (5)		DESCRIPTION					
					3890'	13-3/8" EZSV retainer					
					400'	13-3/8" EZSV bridge plug					
JUNK IN HOLE											
DESCRIPTION						FROM	TO				
PLUGGING RECORD											
DEPTH INTERVAL MD (5)		AMOUNT, SLURRY COMPOSITION, AND METHOD OF PLACEMENT									

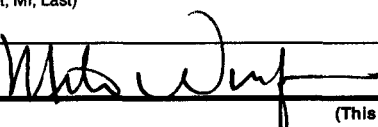
Form MMS-332 (November 1991)
(Supersedes Form MMS-332 (July 1988)
which will not used)

CONTINUED ON REVERSE

Page 1

COMPLETE REVERSE SIDE, SIGN, AND DATE

Public Information

FORM MMS-332		NOTICE OF INTENT/REPORT OF WELL ABANDONMENT				PAGE 2
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				Received
ALL PERFORATED INTERVALS CURRENTLY OPEN (5)						OCS District Office
REASON FOR ABANDONMENT (Include supportive well logs and test data):						
NA						
SEP 29 1993						
Minerals Management Service Anchorage, Alaska						
SITE CLEARANCE		EXTENT OF		SITE CLEARED BY		
DATE (6) YYMMDD		SITE SEARCH		X Divers performed visual inspection		
93/8/28		65' radius f/ well				
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)	
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)			PHONE NUMBER (10)		EXTENSION NUMBER (4)	
Tim A. Billingsley			907-265-6575		XXXX	
AUTHORIZING NAME (First, MI, Last)			TITLE			
Michael B. Winfree			Area Drilling Engineer			
AUTHORIZING SIGNATURE			DATE YYMMDD (6)			
			93-09-28			
(This space is for Federal office use)						
CONDITIONS OF APPROVAL FOR SPECIAL CIRCUMSTANCES: ARE ATTACHED <input type="checkbox"/> NONE <input type="checkbox"/>						
<input type="checkbox"/> APPROVED BY: _____			<input type="checkbox"/> ACCEPTED BY: _____		DATE (6) YYMMDD	
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, 361 Elden Street, Herndon, VA 22070-4817; and Office of Management and Budget, Paperwork Reduction Project (OMB No. 1010-0077), Washington, DC 20503.						

KUVLUM #2

PROPOSED P&A STATUS OF EXPLORATION WELL

