

Boreholes - (WLBRHOLE)

Field Leases

(Bottom)

| Field | Lease | Area | Block | Plan | Dist |
|-------|--------|------|-------|------|------|
| WILL | Y00866 | FI | 673 | | |

Field Leases (Surface)

| Lease | Area | Block |
|--------|------|-------|
| Y00866 | FI | 673 |

Boreholes

| | | | | | |
|--------|--------------|-------------|-------------|-------------------|-------------------------------------|
| Well | 001 | Curr Oper | 00635 | ARCO ALASKA, INC. | <input type="checkbox"/> Casing Cut |
| API # | 551710000800 | APD | 07-AUG-1992 | Well Class | Blw MI 0 |
| Status | PA | 14-OCT-1992 | Spud | 22-AUG-1992 | Abv MI 0 |
| | | | TD | 08-SEP-1992 | UCS/UC N |
| Comps | 0 | | | Mineral | |

Surface Location

Bottom Location

| | |
|-----|------|
| MD | 8500 |
| TVD | 8500 |
| RKB | 169 |
| SSD | 8331 |
| WD | 103 |

| | | |
|-----|----------------|---|
| N/S | 5600 | S |
| E/W | 5900 | W |
| Lat | 70.31600000 | |
| Lon | -145.42010000 | |
| X | 559393.000000 | |
| Y | 7801709.000000 | |

| | | |
|-----|----------------|---|
| N/S | 5600 | S |
| E/W | 5900 | W |
| Lat | 70.30660000 | |
| Lon | -145.43150000 | |
| X | 558987.000000 | |
| Y | 7800652.000000 | |

Remark

- (1) ENTERED PLAN AND DIST CODES - 12-22-97
- (2) CHANGED LON COORDINATES - 12-22-97
- (3) CHANGED X AND Y COORDINATES - 12-22-97

SUBMIT: ORIGINAL,
ONE COPY, AND ONE
PUBLIC INFORMATION
COPY.

UNITED STATES
DEPARTMENT OF THE INTERIOR
MINERALS MANAGEMENT SERVICE

OMB Approval No. 1010-0077
Expires: September 30, 1990

NOTICE OF INTENT/REPORT OF WELL ABANDONMENT

| | | | | | |
|--|--|--|--|--|--|
| 1. FIELD NAME Wildcat | | 2. MMS LEASE, UNIT OR COMM. NO. (8) Y-0000-0 | | 3. MMS OPERATOR NUMBER (5) 0035 | |
| 4. OPERATOR WELL NUMBER (7) 1 | 5. DATE (RE)COMPLETED (6) YYMMDD 82-10-13 | 6. API NUMBER (10 OR 12) STATE (2) COUNTY (3) SEQUENCE (5) TRACK (2) 85 171 00008 | | 7. COMPLETION CODE (3) | |
| 7. OPERATOR NAME AND ADDRESS (SUBMITTING OFFICE) ARCO Alaska, Inc. 700 G St, PO Box 100360 Anchorage, AK 99510-0360 | | 8. WELL TYPE (1) E | | 9. DATE SPUDDED (6) YYMMDD 82-06-22 | |
| | | 10. SIDETRACKED (6) YYMMDD N/A | | LEAVE BLANK | |
| 11. FINAL LOCATION OF WELL (12) Surface: 5884' FWL & 5598' FSL of Block 673 Production zone: N/A Total depth: N/A | | 12. OPERATING AREA CODE (2) FI | | 13. BLOCK NUMBER (6) 0673 | |
| | | 14. MAP OR OFFICIAL PROTRACTION DIAGRAM NUMBER (7) NR 6-4, Flexman Is. | | | |
| 15. OPERATOR LEASE UNIT OR COMMUNITIZATION NAME KUVLUM | | 16. TYPE NOTICE OF INTENT SUBMITT SUBSEQUENT REPORT <input checked="" type="checkbox"/> | | 17. TYPE OF ABANDONMENT TEMPORARY <input type="checkbox"/> PERMANENT <input checked="" type="checkbox"/> | |
| 18. DATE TD REACHED (6) YYMMDD 9/8/1992 | 19. TOTAL DEPTH (5) MD 8500' TVD 8500' | 20. PLUG BACK DEPTH (5) MD 204' TVD 204' | | 21. DATE ABANDONED (6) YYMMDD PROPOSED <input type="checkbox"/> COMPLETED <input checked="" type="checkbox"/> OCS District Office | |
| 22. ELECTRIC AND OTHER LOGS RUN (MAY BE OMITTED IF PREVIOUSLY SUBMITTED) OCT 19 1992 | | | | | |
| 23. CASING RECORD (Report all strings unless previously submitted) Minerals Manager | | | | | |

RELEASED TO PUBLIC FILE
DATE 20 NOV 1998

7CS DISTRICT OFFICE

OCT 06 1993

MINERALS MANAGEMENT SERVICE

~~ANCHORAGE, ALASKA~~

Divers performed visual inspection

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.

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.

OCT 06 1993

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UNITED STATES
DEPARTMENT OF THE INTERIOR
MINERALS MANAGEMENT SERVICE
PUBLIC INFORMATION

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

MINERALS MANAGEMENT SERVICE

ANCHORAGE, ALASKA

NOTICE OF INTENT/REPORT OF WELL ABANDONMENT

| | | | | | |
|---|--|--|--|--|----|
| 1. FIELD NAME Wildcat | | 2. MMS LEASE, UNIT OR COMM. NO. (6) Y 0866 0 | | 3. MMS OPERATOR NUMBER (5) 635 | |
| 4. OPERATOR WELL NUMBER (7) 3 | 5. DATE (RE)COMPLETED (6) YYMMDD 93-10-05 | 6. API NUMBER (10) STATE (2) COUNTY (2) SEQUENCE (5) TRACK (2) 55 171 0010 | | COMPLETION CODE (3) | |
| 7. OPERATOR NAME AND ADDRESS (SUBMITTING OFFICE) ARCO Alaska, Inc. PO Box 100360 Anchorage, Ak 99510-0360 | | 8. WELL TYPE E | | 9. DATE SPUDDED (6) YYMMDD 93/9/9 | |
| | | 10. SIDETRACKED (6) YYMMDD NA | | LEAVE BLANK | |
| 11. FINAL LOCATION OF WELL (12) Surface: 7743' FWL, 9643' FSL of Block 673 Production zone: NA Total depth: NA | | 12. OPERATING AREA CODE (2) FI | | 13. BLOCK NUMBER (6) 673 | |
| 15. OPERATOR LEASE UNIT OR COMMUNITIZATION NAME Kuvlum | | 16. NOTICE OF INTENT SUBMITT <input type="checkbox"/> SUBSEQUENT REPORT <input checked="" type="checkbox"/> | | 17. TYPE OF ABANDONMENT TEMPORARY <input type="checkbox"/> PERMANENT <input checked="" type="checkbox"/> | |
| 18. DATE TD REACHED (6) YYMMDD 93/09/28 | 19. TOTAL DEPTH (5) MD 8000' TVD 8000' | 20. PLUG BACK DEPTH (5) (PROPOSED) MD 233' TVD 233' | | 21. DATE ABANDONED (6) YYMMDD PROPOSED <input type="checkbox"/> 93/10/05 COMPLETED <input checked="" type="checkbox"/> | |
| 22. ELECTRIC AND OTHER LOGS RUN (MAY BE OMITTED IF PREVIOUSLY SUBMITTED) AIT Sonic, GR, SP, LDT, CNL, NGT, Microlog, FMI, PERCUSSION 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) | |
| 26" | | 30" 457 X-52 | | 30" casing drilled in place | |
| 26" | | 20" 133 X-56 | | 1023' 1023' 3790 cu. ft. Arctic Set I | |
| 17.5" | | 13-3/8" 68 L-80 | | 3681' 3681' 1729 cu. ft. Class G w/ 2% gel | |
| BRIDGE PLUGS/RETAINERS | | | | | |
| CASING SIZE (4) | | SHOT/CUT AT MD (5) TVD (5) | | PULLED FROM MD (5) TVD (5) | |
| | | | | DEPTH SET (MD) 400' RKB | |
| | | | | DESCRIPTION 3-3/8" EZSV bridge plug | |
| | | | | 3625' RKB | |
| | | | | 3-3/8" EZSV retainer | |
| JUNK IN HOLE | | | | | |
| DESCRIPTION | | | | FROM | TO |
| PLUGGING RECORD | | | | | |
| DEPTH INTERVAL MD (5) | | AMOUNT, SLURRY COMPOSITION, AND METHOD OF PLACEMENT | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

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) |
| | PROD. FOR LAST PERIOD | | | | | |

ALL PERFORATED INTERVALS CURRENTLY OPEN (5)

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

N/A

SITE CLEARANCE

DATE (6) YYMMDD

92-10-14

EXTENT OF

SITE SEARCH

65' radius 1/ well

SITE CLEARED BY

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 PRESSURE, AND RECOVERIES.

| FORMATION | TOP | | BOTTOM | | DESCRIPTION, CONTENTS, ETC. |
|---------------|--------|---------|--------|---------|--|
| | MD (5) | TVD (5) | MD(5) | TVD (5) | |
| Sagavanirktok | 6584' | 6584' | 6668' | 6668' | <p>Predominately very fine to fine grained, clear to white to medium gray, quartz sands, minor lithic component, minor quartz silts & clays. Overlying units predominately clays & quartz silts.</p> <p>Sagavanirktok Fm was perforated from 6584'-6668'. The well was perforated underbalanced using a column of diesel. The gauges @ 6218' measured FFP = 2015 psi & FSI = 2724 psi. Maximum observed rate was 3400 bopd @ 292 psi through a 2" choke. Total recovered volume of oil was 2217 bls.</p> |

| GEOLOGIC MARKERS NAME | TOP | | NAME | TOP | |
|--------------------------|---------|---------|------|--------|---------|
| | MD(5) | TVD (5) | | MD (5) | TVD (5) |
| Sagavanirktok | Surface | Surface | | | |
| Sagavanirktok | 8500' | 8500' | | | |

WARNING:

PUBLIC LAW 97-461 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)

Paul Mazzolini

PHONE NUMBER (10)

(807) 265-6112

EXTENSION NUMBER (4)

AUTHORIZING NAME (First, MI, Last)

Michael B. Wintree

TITLE

Area Drilling Engineer

AUTHORIZING SIGNATURE

DATE YYMMDD (6)

92-10-16

(This space is for Federal office use)

CONDITIONS OF APPROVAL FOR SPECIAL CIRCUMSTANCES:

ARE ATTACHED ☐ NONE ☐

APPROVED BY:

ACCEPTED BY:

TITLE

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).

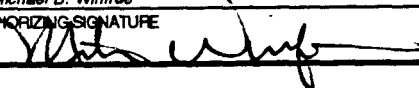
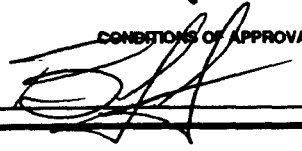
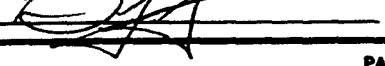

Public reporting burden for this form is estimated to average 1/2 hour per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form to the Information Collection Clearance Officer, Mail Stop 631, Minerals Management Service, 12203 Sunrise Valley Drive, Reston, VA 22091; and Office of Information and Regulatory Affairs, Office of Management and Budget, Washington, DC 20003.

| | | | | | |
|--|--|--|--|--|--|
| 1. FIELD NAME Wildcat | | 2. MMS LEASE, UNIT OR COMM. NO. (8) Y-0000-0 | | 3. MMS OPERATOR NUMBER (5) 0036 | |
| 4. OPERATOR WELL NUMBER (7) 1 | | 5. DATE (RE)COMPLETED (8) YYMMDD 02-10-13 | | 6. API NUMBER (10 OR 12) SIDE STATE (2) COUNTY (3) SEQUENCE (5) TRACK (2) 55 171 00006 | |
| 7. OPERATOR NAME AND ADDRESS (SUBMITTING OFFICE) ARCO Alaska, Inc. 700 G St, PO Box 100360 Anchorage, AK 99510-0360 | | | | 8. WELL TYPE (1) E | |
| | | | | 9. DATE SPUDDED (8) YYMMDD 02-08-22 | |
| 10. SIDETRACKED (6) YYMMDD N/A | | | | LEAVE BLANK | |
| 11. FINAL LOCATION OF WELL (12) Surface: 5884' FWL & 5598' FSL of Block 673 Production zone: N/A Total depth: N/A | | | | 12. OPERATING AREA CODE (2) F1 | |
| | | | | 13. BLOCK NUMBER (8) 0673 | |
| 14. MAP OR OFFICIAL PROTRACTOR DIAGRAM NUMBER (7) NR 6-4, Flaxman Is. | | | | | |
| 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 (8) YYMMDD 9/8/1992 | | 19. TOTAL DEPTH (5) MD 8500' TVD 8500' | | 20. PLUG BACK DEPTH (5) MD 204' TVD 204' | |
| | | | | 21. DATE ABANDONED (8) YYMMDD PROPOSED <input type="checkbox"/> COMPLETED <input checked="" type="checkbox"/> | |
| 22. ELECTRIC AND OTHER LOGS RUN (MAY BE OMITTED IF PREVIOUSLY SUBMITTED) OCT 19 1992 | | | | | |
| 23. CASING RECORD (Report all strings unless previously submitted) | | | | | |
| Minerals Manager Anchorage, Alaska | | | | | |
| HOLE SIZE (4) | | CASING SIZE (4), LB/FT (5) & GRADE | | SETTING DEPTH MD (5) TVD (5) | |
| 26" | | 30", 310 lb/ft, X-52 | | 295' 295' 30" casing drilled in place. | |
| 26" | | 20", 133 lb/ft, X-56 | | 995' 995' 3478 cu ft Arctic Set I | |
| 17 1/2" | | 13 3/8", 68 lb/ft, L-80 | | 3479' 3479' Lead: 1320 cu ft Arctic Set I / Tail: 713 cu ft Class "G" | |
| 12 1/4" | | 9 5/8", 47 lb/ft, L-80 | | 8459' 8459' 800 cu ft Class "G" | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| CASING PULLED | | | | | |
| CASING SIZE (4) | | SHOT/CUT AT MD (5) TVD (5) | | PULLED FROM MD (5) TVD (5) | |
| N/A | | | | 6522' 3190' | |
| | | | | | |
| | | | | | |
| | | | | | |
| BRIDGE PLUGS/RETAINERS | | | | | |
| CASING SIZE (4) | | SHOT/CUT AT MD (5) TVD (5) | | DEPTH SET MD (5) DESCRIPTION | |
| N/A | | | | 6522' 9 5/8" EZSV retainer | |
| | | | | 3190' 9 5/8" EZSV retainer | |
| | | | | | |
| | | | | | |
| JUNK IN HOLE | | | | | |
| DESCRIPTION | | | | FROM TO | |
| 9 5/8" EZSV retainer set at 663'. Drill up retainer & push downhole to 8431'. | | | | 8431' 8433' | |
| | | | | | |
| | | | | | |
| | | | | | |
| PLUGGING RECORD | | | | | |
| DEPTH INTERVAL MD (5) | | AMOUNT, SLURRY COMPOSITION, AND METHOD OF PLACEMENT | | | |
| 6423' - 6668' | | 56 cu ft of 15.8 ppg Class "G" cement pumped below EZSV retainer @ 6522' & 39 cu ft of cement spotted on top of EZSV. | | | |
| 6668' - 8459' | | 9.5 ppg brine left in cased hole below retainer & cement plug. | | | |
| 3242' - 6423' | | 10.6 ppg mud left in 9 5/8" production casing between retainers. | | | |
| 3240' - 3242' | | 94 cu ft of 15.8 ppg Class "G" cement pumped below EZSV. 70 cu ft of "G" squeezed into parts from 3240' - 3242'. Cement column | | | |
| 3190' - 3131' | | in 13 3/8" x 9 5/8" annulus from 3240' - 3448'. 23 cu ft cement spotted on top of EZSV. 10.5 ppg mud circ below surface cement plug. | | | |
| 500' - 204' | | 117 cu ft of 15.8 ppg, Arctic Set I cement spotted as balanced plug. | | | |

Page 1

COMPLETE REVERSE SIDE, SIGN, AND DATE

| NOTICE OF INTENT/REPORT OF WELL ABANDONMENT | | | | | | PAGE 2 |
|---|-------------|---------------------------------|-------------|-------------------------------------|---------------|-----------------------------|
| FORM MMS-332 | | | | | | |
| 24. PRODUCTION HISTORY (Development wells only) | | | | | | |
| DATE LAST PROD (4) YYMM | WELL STATUS | PROD. FOR LAST PERIOD | OIL-BBL (6) | GAS-MCF (6) | WATER-BBL (6) | GAS/OIL RATIO (6) |
| | | | | | | SHUT-IN TUBING PRESSURE (5) |
| ALL PERFORATED INTERVALS CURRENTLY OPEN (5) | | | | | | |
| REASON FOR ABANDONMENT (Include supportive well logs and test data): N/A | | | | | | |
| SITE CLEARANCE DATE (6) YYMMDD | | EXTENT OF SITE SEARCH | | SITE CLEARED BY | | |
| 02-10-14 | | 65' radius f/ well | | 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 | | | | | | |

| | | | |
|--|--|--|---------------------------------------|
| 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) Paul Mazzolini | | PHONE NUMBER (10) (807) 265-6112 | EXTENSION NUMBER (4) |
| AUTHORIZING NAME (First, MI, Last) Michael B. Winfree | | TITLE Area Drilling Engineer | |
| AUTHORIZING SIGNATURE  | | DATE YYMMDD (6) 02-10-16 | |
| (This space is for Federal office use) | | | |
| <input checked="" type="checkbox"/> APPROVED BY:  | | CONDITIONS OF APPROVAL FOR SPECIAL CIRCUMSTANCES: ARE ATTACHED <input type="checkbox"/> NONE <input type="checkbox"/> | |
| <input type="checkbox"/> ACCEPTED BY:  | | TITLE  | DATE (6) YYMMDD 02-23-92 |
| PAPERWORK REDUCTION ACT STATEMENT | | | |
| The Paperwork Reduction Act of 1980 (44 U.S.C. 3601 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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