

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
MINERALS MANAGEMENT SERVICE

TIGHT HOLD

SUBMIT IN DUPLICATE\*

5. LEASE NO.

OCS-Y-0302

6. AREA & BLOCK

Blk 140 NR 5-4, Beaufort Sea

7. WELL NO.

1

8. UNIT AGREEMENT NAME

MA

Wildcat (Mars)

10.

EXPLORATION

DEVELOPMENT

11. ADJACENT STATE

Alaska

12. API NO.

55-231-0004

WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ DRY ☒ Other

b. TYPE OF COMPLETION:

NEW WORK ☒ OVER ☐ DEEP: ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other

2. NAME OF OPERATOR

Amoco Production Company

3. ADDRESS OF OPERATOR

P. O. Box 100779, Anchorage, AK 99510

4. LOCATION OF WELL (Report location in accordance with instructions)\*

At surface 7924.10' FNL & 14,449.33' FEL of Blk 140

At top prod. interval reported below UTM x=533,995,790 y=7,859,984.704

At total depth MD 7982', 8018.41 FNL, 14710.75 FEL Blk 140

13. DATE SPUDDED

3/12/86

14. DATE T.D. REACHED

4/8/86

15. DATE COMPL. OR OPERATIONS FINALIZED

4/27/86

16. ELEVATION\*

RKB 50.17

17. WATER DEPTH

25'

18. TOTAL DEPTH, MD & TVD

7982 & 7970

19. PLUG BACK, T.D., MD & TVD

20. IF MULTIPLE COMPL., HOW MANY\*

21. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*

None

22. WAS DIRECTIONAL SURVEY MADE

Yes

23. TYPE ELECTRIC AND OTHER LOGS RUN

DIFL/BHC-AL/GR/SP/CAL/CDL/CN/SWC/Seismic check shot/MFT

24. WAS WELL CORED

No

25. CASING RECORD (Report all strings set in well)

CASING SIZE & GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
30" x-52	310	137	Driven	Driven	86
20" x-56	133	1654	26"	2266 sxs Arctic Set II&III	88
13-3/8" L-80	72	3315	17-1/2"	1600 sxs ASIII, 570 sxs G	97
9-5/8" L-80	53.50	7976	12-1/4"	1000 sxs Class G	200

26. LINER RECORD

SIZE & GRADE	TOP (MD)	BOTTOM (MD)	CU. FT. CEMENT	SCREEN (MD)	SIZE & GRADE	DEPTH SET (MD)	PACKER SET (MD)

27. TUBING RECORD

28. PERFORATION RECORD (Interval, size and number)

7345-7365 .60 4 SPF

29. ACID, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
7280-7365	125 sacks Class G

30. PRODUCTION

DATE FIRST PRODUCTION PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) WELL STATUS (Producing or shut-in)

DATE DEPT. TESTED (Flowing, gas lift, pumping—size and type of pump) PROD'N. FOR TEST PERIOD OIL—BBL. GAS—BBL. WATER—BBL. GAS-OIL RATIO

DATE DEPT. TESTED (Flowing, gas lift, pumping—size and type of pump) PROD'N. FOR TEST PERIOD OIL—BBL. GAS—BBL. WATER—BBL. GAS-OIL RATIO

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Form MMS-330 (May 1983)  
(Supersedes USGS Form 9-330  
which will not be used)

\*See instructions on reverse

AREA FILE Y-0302 #1-662  
AREA FILE

## TIGHT HOLE

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable regulations. All attachments should be listed on this form, see item 32.

**Item 16:** Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

**Item 30:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for item 20 and 21 above.)

35. SUMMARY OF POROUS ZONES: SHOW ALL ZONES CONTAINING HYDROCARBONS; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH-INTERVAL, TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES				36. GEOLOGIC MARKERS	
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP
Ivishak (DST)	7345	7365	<p>Cased hole DST. Water cushion was 23 bbls (top of cushion: 6861'). Tool was open for a total of 6 hours 30 minutes allowing well to flow. A downhole sample was recovered at the surface.</p> <p><u>Pressures</u></p> <p>Hydrostatic 3838 psig Initial SI 3712 psig Initial flowing 1114 psig Final flowing 3163 psig Final shut in 3712 psig</p> <p><u>Recoveries</u></p> <p>A total of 39.5 bbls of formation fluid was produced to surface with no more than a trace of oil. Water was gas cut with volumes too small to measure. Chlorides during the last 2 hours of flow were 18,000 ppm.</p>		

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**TIGHT HOLD**

5. LEASE NO.

OCS-Y-0302

6. AREA & BLOCK

Blk 140 NR 5-4, Beaufort Sea

7. WELL NO.

1

8. UNIT AGREEMENT NAME

N/A

9. FIELD

Wildcat (Mars)

10.

EXPLORATION ☒

DEVELOPMENT ☐

11.

ADJACENT STATE

Alaska

12.

API NO.

55-231-0004

**WELL-COMPLETION OR RECOMPLETION REPORT AND LOG\***

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ DRY ☒ Other \_\_\_\_\_

b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other \_\_\_\_\_

2. NAME OF OPERATOR

Amoco Production Company

3. ADDRESS OF OPERATOR

P. O. Box 100779, Anchorage, AK 99510

4. LOCATION OF WELL (Report location in accordance with instructions) \*

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UTM x=533,995,790 y=7,859,984.704

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3/12/86

14. DATE T.D. REACHED

4/8/86

15. DATE COMPL. OR  
OPERATIONS  
FINALIZED

4/27/86

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RKB 50.17

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7982 & 7970

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20. IF MULTIPLE COMPL., HOW MANY\*

21. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*

None

22. WAS DIRECTIONAL  
SURVEY MADE

Yes

23. TYPE ELECTRIC AND OTHER LOGS RUN

DIFL/BHC-AL/GR/SP/CAL/CDL/CN/SWC/Seismic check shot/MFT

24. WAS WELL CORED

No

25. CASING RECORD (Report all strings set in well)

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27. TUBING RECORD

28. PERFORATION RECORD (Interval, size and number)

7345-7365 .60 4 SPF

29. ACID, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
7280-7365	125 sacks Class G

30\*

PRODUCTION

DATE FIRST PRODUCTION PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)

WELL STATUS (Producing or shut-in)

DATE OF TEST HOURS TESTED CHOKE SIZE PROD'N. FOR TEST PERIOD OIL-BBL. GAS-BBL. WATER-BBL. GAS-OIL RATIO

FLOW. TUBING PRESS. CASING PRESSURE CALCULATED 24-HOUR RATE OIL-BBL. GAS-MCF. WATER-BBL. OIL GRAVITY-API (CORR.)

31. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

MINERALS MANAGEMENT

TEST WITH

32. LIST OF ATTACHMENTS

Directional survey record, calculation of wellbore displacement, abandonment diagram

33.

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_

Set @ \_\_\_\_\_ Ft.

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED Dave B. Shumko TITLE Staff Drilling Eng. DATE 5/19/86

Form MMS-330 (May 1983)

(Supersedes USGS Form 9-330  
which will not be used)

\*See instructions on reverse

AREA FILE Y-0302 #1-682  
AREA FILE

**RECEIVED**

**MAY 21 1986**

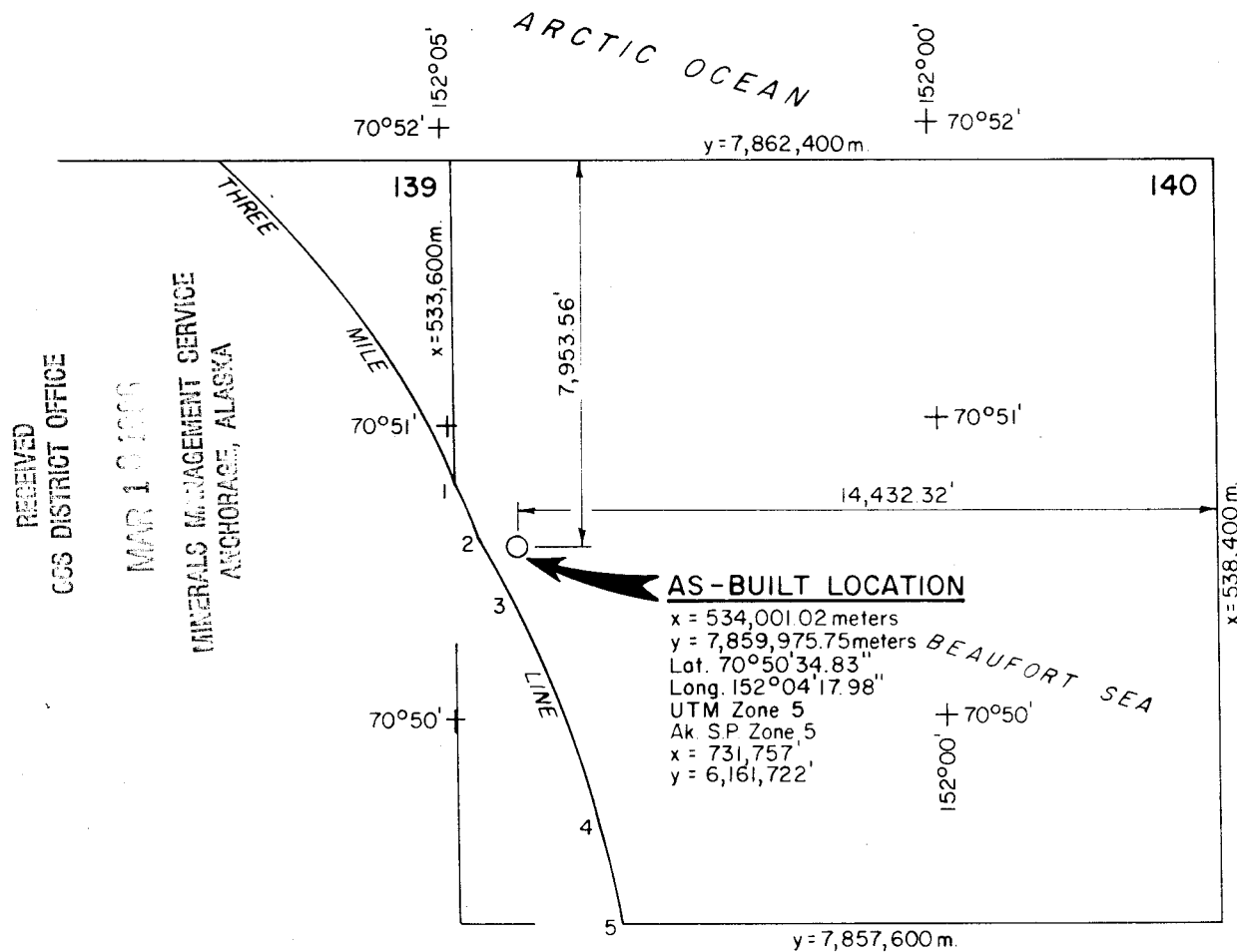
**MAY 21 1986**

**MINERALS MANAGEMENT SERVICE  
ANCHORAGE, ALASKA**

**RECEIVED**

**008 DISTRICT OFFICE**





RECEIVED  
666 DISTRICT OFFICE

100

**MINERALS MANAGEMENT SERVICE  
ANCHORAGE, ALASKA**

AS-BUILT LOCATION

x = 534,001.02 meters  
y = 7,859,975.75 meters  
Lat. 70°50'34.83"  
Long. 152°04'17.98"  
UTM Zone 5  
Ak. S.P. Zone 5  
x = 731,757'  
y = 6,161,722'

BEAUFORT SEA

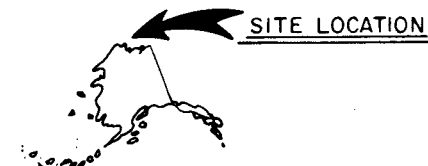
## INTERSECTIONS

	X	Y
1	533,600.00	7,860,429.74
2	533,768.37	7,860,019.57
3	533,968.77	7,859,628.08
4	534,499.65	7,858,270.56
5	534,654.58	7,857,600.00

ARC CENTERS

	X	Y
1-2	528,548.45	7,858,116.52
2-3	528,926.76	7,857,294.14
3-4	529,104.53	7,856,943.25
4-5	529,174.11	7,856,686.99

HARRISON BAY



SURVEYOR'S CERTIFICATE

I hereby certify that I am properly registered and licensed to practice land surveying in the State of Alaska, that this plat represents a location survey made by me or under my supervision, and that all dimensions and other details are correct.

DATE DEC. 10, 1985 REGISTRATION NO. LS 5121

REGISTERED LAND SURVEYOR

REVISÉD-TO AS-BUILT

3/5/86 *Cm*



AMOCO PRODUCTION COMPANY  
ANCHORAGE DISTRICT  
425 G STREET  
ANCHORAGE, ALASKA 99510

JOB TITLE  
OCS Y-302, MARS PROSPECT

SHORTY TITLE  
LOCATION MAP

DRAWN BY  
**OCEANTECH**  
CARRINGTON, NM

JOB NO.

DATE  
10DEC85

OF SHEET