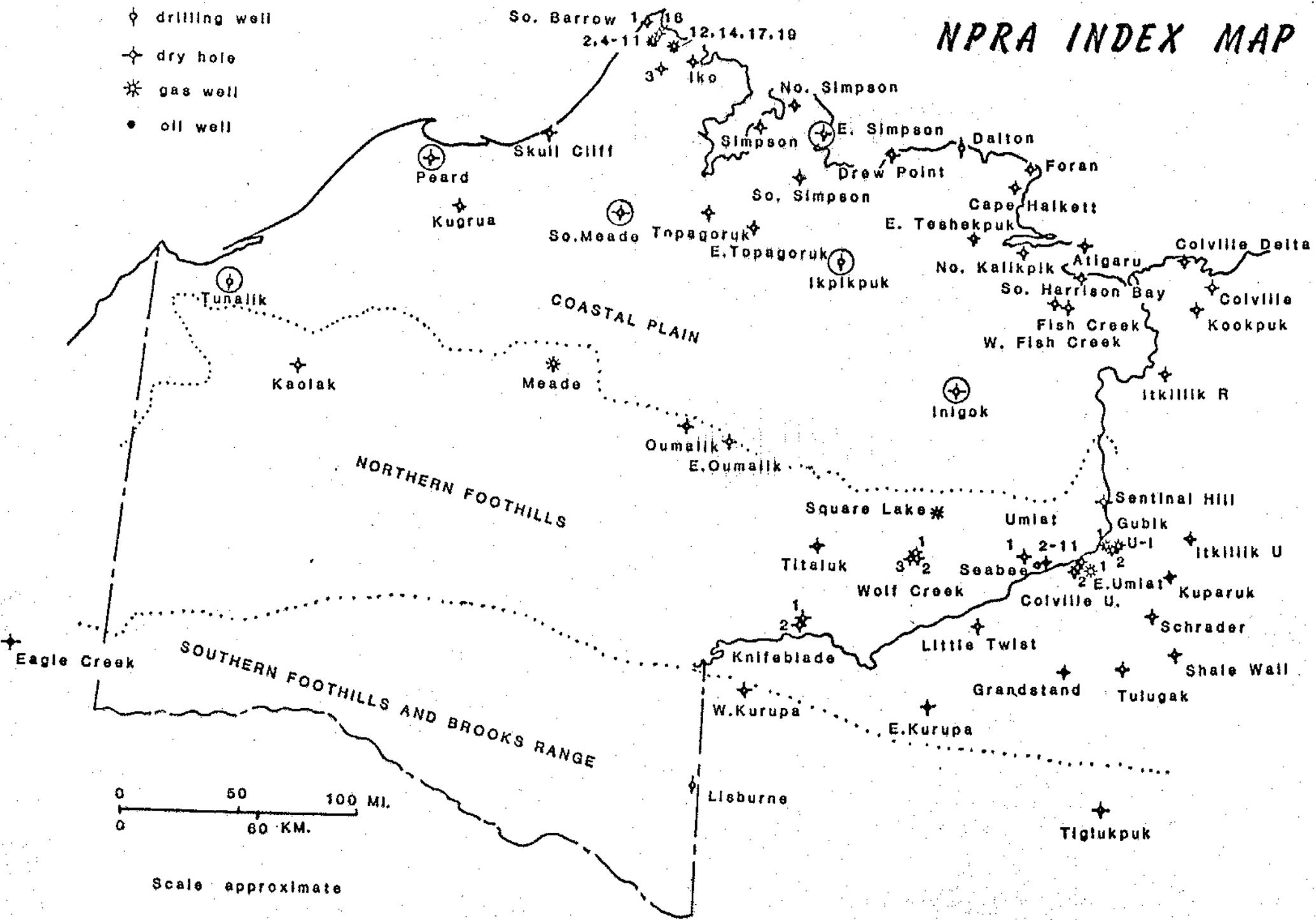
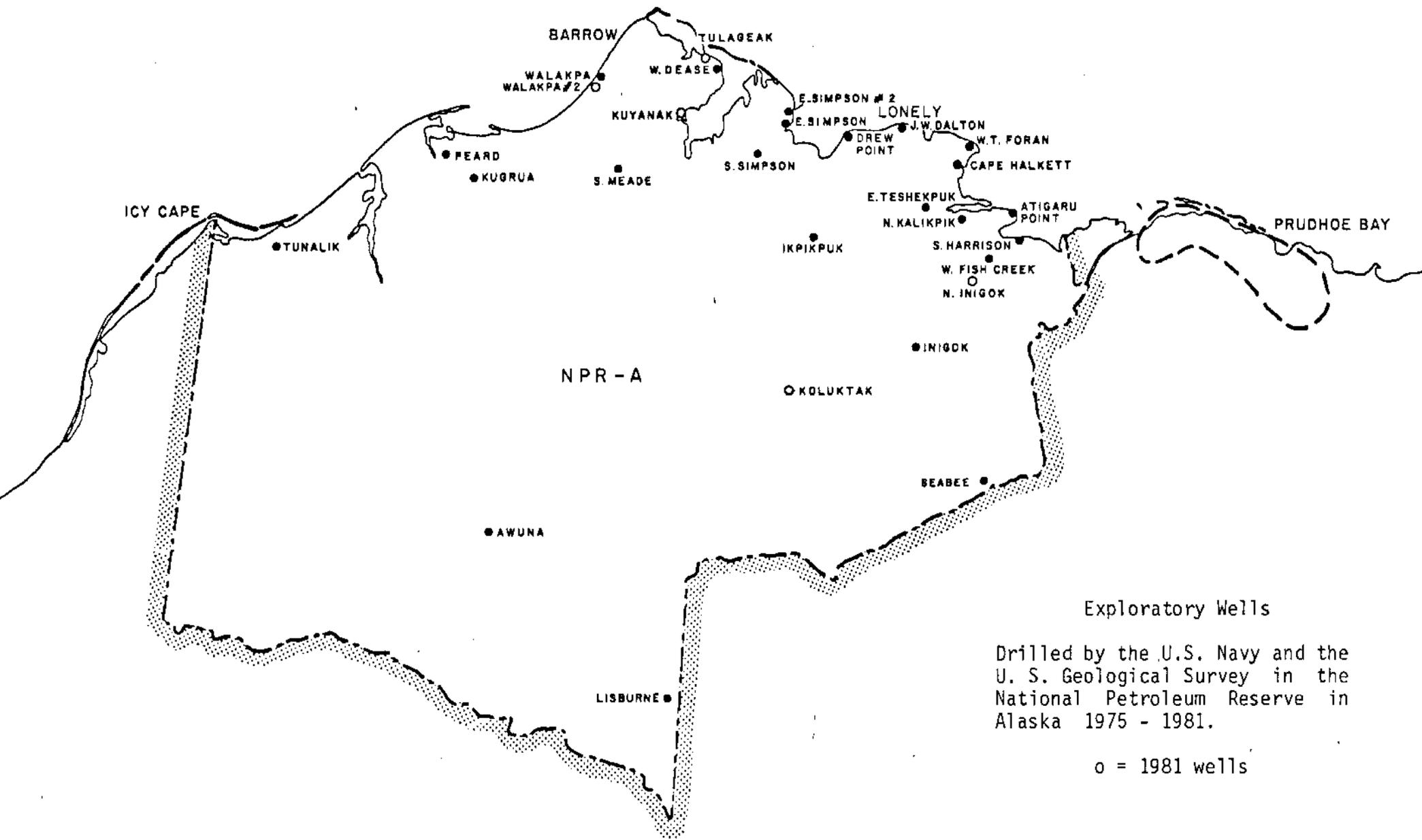


- New well data since November.
- o location
- φ drilling well
- ✦ dry hole
- \* gas well
- oil well

# NPRA INDEX MAP

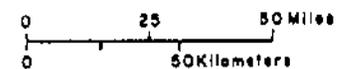




Exploratory Wells

Drilled by the U.S. Navy and the U. S. Geological Survey in the National Petroleum Reserve in Alaska 1975 - 1981.

o = 1981 wells



SUMMARY OF EXPLORATION DRILLING  
NATIONAL PETROLEUM RESERVE IN ALASKA  
1975 - 1981

Name	Location	Date Spudded	Date Completed	Total Depth	Deepest Horizon Attained	Remarks
Cape Halkett No.1	18 mi ESE of Lonely	3/24/75	6/1/75	9,900 ft.	Argillite Basement (Devonian or older)	Dry; plugged and abandoned
East Teshekpuk No.1	25 mi S of Lonely	3/12/76	5/11/76	10,664 ft.	Granite Basement	Dry; plugged and abandoned
So.Harrison Bay No.1	50 mi SE of Barrow	11/21/76	2/8/77	11,290 ft.	Lisburne Group (Pennsylvanian)	Poor oil shows; plugged and abandoned
Atigaru Point No.1	44 mi SE of Lonely	1/12/77	3/18/77	11,535 ft.	Argillite Basement (Devonian or older)	Poor oil shows; plugged and abandoned
West Fish Creek No.1	51 mi SE of Lonely	2/14/77	4/27/77	11,427 ft.	Kayak Shale (Mississippian)	Poor oil shows; plugged and abandoned
So.Simpson No.1	41 mi WSW of Lonely	3/9/77	4/30/77	8,795 ft.	Argillite Basement (Devonian or older)	Dry; plugged and abandoned
W.T.Foran No.1	23 mi ESE of Lonely	3/7/77	4/24/77	8,864 ft.	Argillite Basement (Devonian or older)	Oil and gas shows; plugged and abandoned
Drew Point Test Well No.1	14 mi W of Lonely	1/13/78	3/13/78	7,946 ft.	Argillite Basement (Devonian or older)	Poor oil and gas shows; plugged and abandoned
So.Meade Test Well No.1	45 mi S of Barrow	2/7/78 (Re-entered 12/4/78)	1/22/79	9,945 ft.	Argillite ? Basement (Devonian or older)	Poor gas shows; plugged and abandoned
Kugrua Test Well No.1	67 mi SW of Barrow	2/12/78	5/29/78	12,588 ft.	Lisburne Group (Pennsylvanian)	Dry; plugged and abandoned
No.Kalikpik Test Well No.1	37 mi SE of Lonely	2/27/78	4/14/78	7,395 ft.	Kingak Shale (Jurassic)	Poor oil and gas shows; plugged and abandoned

Name	Location	Date Spudded	Date Completed	Total Depth	Deepest Horizon Attained	Remarks
Inigok Test Well No.1	60 mi S of Lonely	6/7/78	5/22/79	20,102 ft.	Kekiktuk Formation ? (Mississippian)	Encountered hydrogen sulfide and sulfur at 17,570 ft.; poor gas shows; plugged and abandoned
Tunalik Test Well No.1	22 mi SE of Icy Cape	11/10/78	1/7/80	20,335 ft.	Lisburne Group (Mississippian)	Gas test; plugged and abandoned
Ikpikpuk Test Well No.1	42 mi SW of Lonely	11/28/78 1/7/80	2/28/80	15,481 ft.	Kekiktuk (Mississippian)	Shows; plugged and abandoned
Peard Test Well No.1	25 mi NE of Wainwright	1/26/79	4/13/79	10,225 ft.	Argillite Basement (Devonian or older)	Poor gas shows; plugged and abandoned
East Simpson Test Well No.1	55 mi SE of Barrow	2/19/79	4/10/79	7,739 ft.	Argillite Basement (Devonian or older)	Oil and gas shows; plugged and abandoned
J.W.Dalton Test Well No.1	3 mi E of Lonely	5/7/79	8/1/79	9,367 ft.	Argillite Basement (Devonian or older)	Oil and gas shows; some heavy oil recovered during testing; plugged and abandoned
Lisburne Test Well No.1	110 mi SW of Umiat	6/11/79	6/2/80	17,000 ft.	Lisburne Group (Mississippian)	Shows of gas; plugged and abandoned
Seabee Test Well No.1	1 mi NW of Umiat	7/1/79	4/15/80	15,611 ft.	"pebble shale" (Late Jurassic?-Early Cretaceous)	Gas test; plugged and abandoned
Walakpa Test Well No.1	15 mi S of Barrow	12/25/79	2/7/80	3,666 ft.	Argillite Basement (Devonian or older)	Shows of gas; plugged and abandoned
East Simpson Test Well No.2	50 mi SE of Barrow	1/29/80	3/15/80	7,505 ft.	Argillite Basement (Devonian or older)	Poor shows; plugged and abandoned
West Dease Test Well No.1	28 mi SE of Barrow	2/19/80	3/26/80	4,170 ft.	Argillite Basement (Devonian or older)	Poor shows; plugged and abandoned

Name	Location	Date Spudded	Date Completed	Total Depth	Deepest Horizon Attained	Remarks
Awuna Test Well No.1	152 mi S of Barrow	3/1/80 (Re-entered 12/5/80)	4/20/81	11,200 ft.	Fortress Mountain (Cretaceous)	Many gas shows; plugged and abandoned
Walakpa Test Well No.2	16 mi S of Barrow	1/3/81	2/15/81	4,360 ft.	Argillite Basement (Devonian or older)	Temporarily abandoned (Gas well-Walakpa sand)
North Inigok Test Well No.1	20 mi SE of Teshekpuk Lake	2/13/81	4/4/81	10,170 ft.	Shublik (Triassic)	Shows of gas; plugged and abandoned
Kuyanak Test Well No.1	30 mi SE of Barrow	2/13/81	3/31/81	6,690 ft.	Argillite Basement (Devonian or older)	Minor gas and oil shows; plugged and abandoned
Tulageak Test Well No.1	24 mi ESE of Barrow	2/26/81	3/23/81	4,015 ft.	Argillite Basement (Devonian or older)	Few poor oil shows; plugged and abandoned
Koluktak Test Well No.1	75 mi S of Smith Bay	3/24/81	4/19/81	5,882 ft.	Torok Formation (Cretaceous)	Gas shows and minor oil shows; plugged and abandoned

SUMMARY OF DRILLING IN BARROW AREA  
NATIONAL PETROLEUM RESERVE IN ALASKA  
1964 - 1980

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Name	Location	Date Spudded	Date Completed	Total Depth	Deepest Horizon Attained	Remarks
So. Barrow No. 6	4-3/4 mi SE of Barrow	2/28/64	3/24/64	2,363 ft.	Barrow sand Jurassic	Gas well
So. Barrow No. 7	5 mi SE of Barrow	3/4/68	4/2/68	2,351 ft.	Barrow sand Jurassic	Gas well
So. Barrow No. 8	5 mi SE of Barrow	4/4/69	5/1/64	2,359 ft.	Barrow sand Jurassic	Gas well
So. Barrow No. 9	4-1/4 mi SE of Barrow	3/19/70	4/15/70	2,450 ft.	Barrow sand Jurassic	Gas well; 7.8 mmcf/d.
So. Barrow No. 10	4-3/4 mi SE of Barrow	3/7/73	3/24/73	2,349 ft.	Barrow sand Jurassic	Gas well
So. Barrow No. 11	5 mi SE of Barrow	2/10/74	3/05/74	2,350 ft.	Barrow sand Jurassic	Gas well
So. Barrow No. 12	11 mi SE of Barrow	3/10/74	5/4/74	2,283 ft.	Shublik Triassic	Dry; suspended
Iko No. 1	16 mi SE of Barrow	2/1/75	3/11/75	2,731 ft.	Argillite Basement (Devonian or older)	Suspended as marginal gas discovery
So. Barrow No. 13	5 mi SE of Barrow	12/17/76	1/16/77	2,535 ft.	Argillite Basement (Devonian or older)	Shows of gas; suspended as marginal gas well
So. Barrow No. 14	12 mi ESE of Barrow	1/28/77	3/3/77	2,257 ft.	Sag River Sand (Triassic)	Completed as a gas well Upper and Lower Barrow sand
So. Barrow No. 16	6 mi E of Barrow	1/28/78	2/18/78	2,400 ft.	Argillite Basement (Devonian or older)	Dry; plugged and abandoned
So. Barrow No. 17	13 mi ESE of Barrow	3/2/78	4/13/78	2,382 ft.	Argillite Basement (Devonian or older)	Suspended; edge well; produces water with gas

Name	Location	Date Spudded	Date Completed	Total Depth	Deepest Horizon Attained	Remarks
So. Barrow No. 19	11 mi ESE of Barrow	4/17/78	5/17/78	2,300 ft.	Argillite Basement (Devonian or older)	Completed as a gas well Lower Barrow sand
So. Barrow No. 20	11 mi ESE of Barrow	4/7/80	5/10/80	2,356 ft.	Argillite Basement (Devonian or older)	Shows of gas and oil; suspended as marginal oil producer
So. Barrow No. 15	10 mi ESE of Barrow	8/23/80	9/18/80	2,278 ft.	Jurassic	Completed as a gas well Upper Barrow sand
So. Barrow No. 18	12 mi ESE of Barrow	9/22/80	10/14/80	2,135 ft.	Jurassic	Completed as a gas well Lower Barrow sand